



No. 27

3 JULY 2004



UNITED STATES OF AMERICA

NOTICE TO MARINERS



Published Weekly by the
National Geospatial-Intelligence Agency

Prepared Jointly with the
National Ocean Service and U.S. Coast Guard

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**Visit the Maritime Safety Information Division website at
<http://pollux.nss.nga.mil/>**



NSN 7642015139802
NGA REF.NO. NMXXX0427

IMPORTANT INFORMATION

The Notice to Mariners is published by the National Geospatial-Intelligence Agency (NGA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NGA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other products produced by the National Geospatial-Intelligence Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Geospatial-Intelligence Agency (NGA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Homeland Security), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NGA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-3370	287-3370	301-227-4211
World Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed directly at (<http://pollux.nss.nga.mil>). For your convenience NGA provides three e-mail addresses. For information affecting Notice to Mariners use NavNotices@nga.mil, for information affecting Sailing Directions and all other navigational publications use SDPUBS@nga.mil, for information concerning the Maritime Safety Information Website, use webmaster_nss@nga.mil.

Mariners are requested to notify NGA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated.

Cover Photo: LCVP-Officially designated as a landing Craft, Vehicles and Personnel, this small craft was more commonly known by the name of its inventor, New Orleans businessman Andrew Jackson Higgins. A modification of Higgins' Eureka workboat, the **LCVP** was highly maneuverable and ideal for landing troops and supplies on beaches. Higgins Industries, along with other companies licensed to reproduce the design, built over 20,000 **LCVPs** during the course of the war. This landing craft was important not only to the landings Normandy on D-Day, but also to Pacific Theatre operations on Guadalcanal, Tarawa, Iwo Jima and Okinawa. The **LCVP** could land a platoon of 36 men with their equipment, extract itself quickly, turn around without broaching in the surf, and go back out to get more troops and/or supplies. The Higgins boats landed more Allied troops during WWII than all other types of landing craft combined. As our nation marks the 40th anniversary of D-Day, we salute Andrew Jackson Higgins' influence on amphibious warfare and his contribution toward the Allied victory in World War II cannot be overstressed.

INFORMATION
OF
SPECIAL INTEREST
OR
IMPORTANCE
TO
MARINERS

NM 27/04

HYDROGRAM

**National Geospatial-Intelligence Agency
Bethesda, MD 20816-5003**

SPECIAL
ANNOUNCEMENTS

NEW PRODUCTS
OR SERVICES

IMPORTANT
CHANGES

3 July 2004

NEW EDITION OF SAILING DIRECTIONS

PUB. 125, SAILING DIRECTIONS (ENROUTE) WEST COAST OF SOUTH AMERICA, EIGHTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NEW EDITION OF SAILING DIRECTIONS

PUB. 193, SAILING DIRECTIONS (ENROUTE) SKAGERRAK AND KATTEGAT, NINTH EDITION, 2004, IS READY FOR ISSUE. THIS EDITION IS PRODUCED BY NGA IN DIGITAL FORMAT ONLY. SEE SECTIONS II AND III.

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA RECOGNIZES TWO NAUTICAL CHART PRODUCTS: CHARTS-ON-DEMAND AND TRADITIONAL NOAA/NOS PAPER CHARTS. FOR ADDITIONAL INFORMATION, SEE SECTIONS II AND III.

EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NGA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NGA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

Section I-1 contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

★ indicates that it is based upon original U.S. source information.

T indicates that it is temporary in nature.

P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.

The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter N is not a part of the chart number.

The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.

Courses and bearings are given in degrees true.

Light sectors are expressed in degrees true from the vessel TOWARD the light.

The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.

The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.

Section I-2* contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.

Section I-3 lists all NGA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

Section II-1 is a weekly listing of corrections to the NGA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

Section II-2* contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

Section II-3* lists weekly updates to the USCG Light Lists.

Section II-4* lists weekly updates to the NGA List of Lights.

Section II-5 lists all NGA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

Section III-1 lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

Section III-2 contains miscellaneous information of particular interest to the maritime community.

*The left-hand pages of these sections are intentionally blank.

**SECTION I
CHART CORRECTIONS**

NM 27/04

<p>12 (INT 12) 1Ed. 9/25/82 LAST NM 45/02 27/04 Substitute Depth 26 meters for 8 meters 16°54'N 83°20'W (NTM0012/2004)</p> <p>13 (INT 13) 1Ed. 9/25/82 LAST NM 11/00 27/04 Substitute Depth 26 meters for 8 meters 16°54'N 83°20'W (NTM0012/2004)</p> <p>124 10Ed. 6/15/96 LAST NM 39/03 27/04 Delete Depth 4½ fathoms, enclosing dotted-line circle and legend "Rep (1972)" 17°00'N 83°15'W Add Depth 14 fathoms 16°54'N 83°20'W (NTM0012/2004)</p> <p>145 16Ed. 4/6/85 LAST NM 39/03 27/04 Delete Depth 4½ fathoms, enclosing dotted-line circle and legend "Rep (1972)" 16°58'N 83°18'W Add Depth 14 fathoms enclosed by depth contour (20-fathom) 16°54'N 83°20'W (NTM0012/2004)</p> <p>400 (INT 400) 3Ed. 12/25/93 LAST NM 25/04 27/04 Delete Depth 8 meters and enclosing dotted-line circle 16°58'N 83°15'W Add Depth 26 meters 16°54'N 83°20'W (NTM0012/2004)</p> <p>401 (INT 401) 5Ed. 6/15/91 LAST NM 25/04 27/04 Delete Depth 8 meters and enclosing dotted-line circle 16°57'N 83°15'W Add Depth 26 meters 16°54'N 83°20'W (NTM0012/2004)</p> <p>402 (INT 402) 4Ed. 5/25/85 LAST NM 7/01 27/04 Delete Depth 8 meters and enclosing dotted-line circle 16°58'N 83°15'W Add Depth 26 meters 16°54'N 83°20'W (NTM0012/2004)</p> <p>503 (INT 811) 4Ed. 7/27/96 LAST NM 1/04 27/04 Delete Depth 8 meters and enclosing dotted-line circle 16°56'N 83°15'W Add Depth 26 meters 16°54'N 83°20'W (NTM0012/2004)</p> <p>520 127Ed. 8/22/81 LAST NM 26/04 27/04 Add Superbuoy ODAS [Q58] "46022" Y, Fl(4) Y 20s 40°43'N 124°31'W (11/04 CG11)</p> <p>530 30Ed. 3/23/02 LAST NM 26/04 27/04 Add Superbuoy ODAS [Q58] "46022" Y, Fl(4) Y 20s 40°43'N 124°31'W (11/04 CG11)</p> <p>★11301 23Ed. 9/8/01 LAST NM 25/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>11302 30Ed. 9/03 LAST NM 17/04 27/04 (Side B) Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>11316 39Ed. 3/03 LAST NM 15/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p>	<p>★11317 30Ed. 11/03 LAST NM 19/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11322 28Ed. 3/03 LAST NM 17/04 27/04 (Side B) Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11324 33Ed. 9/03 LAST NM 26/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11325 35Ed. 5/03 LAST NM 17/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>11327 31Ed. 8/03 LAST NM 19/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11328 23Ed. 8/03 LAST NM 23/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>11329 35Ed. 9/03 LAST NM 23/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11332 29Ed. 4/04 LAST NM 26/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>11341 40Ed. 3/04 LAST NM 26/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11342 52Ed. 5/03 LAST NM 17/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11343 37Ed. 9/03 LAST NM 17/04 27/04 Add Tabulation of controlling depths from Subsection I-2 (NOS)</p> <p>★11361 71Ed. 12/03 LAST NM 25/04 27/04 Add Submarine pipeline [L40.1] between 29°02'53"N 88°46'46"W 29°04'41"N 88°48'42"W (NOS)</p> <p>11520 41Ed. 7/03 LAST NM 14/04 27/04 Relocate Buoy "WR6" from 33°43.2'N 78°00.9'W to 33°41.0'N 78°04.0'W (15/04 CG5) and change designation to "6FP"</p> <p>11525 6Ed. 9/23/00 LAST NM N25/04 N27/04 Relocate Buoy "WR6" from 33°43.8'N 78°01.2'W to 33°41.0'N 78°04.0'W (15/04 CG5) and change designation to "6FP"</p>
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★11536 17Ed. 2/04 LAST NM 18/04 27/04
 Delete Buoy "WR6" 33°43'19"N 78°00'53"W
 Add Buoy "6FP" R, Fl R 4s 33°41'00"N 78°04'00"W
 (15/04 CG5)

12206 30Ed. 10/03 LAST NM 19/04 27/04
 (Side A)
 Delete Beacon "11" 36°52'50"N 76°21'07"W
 (15/04 CG5)

12222 45Ed. 11/03 LAST NM 15/04 27/04
 Delete Beacon "11" 36°52'50"N 76°21'06"W
 (15/04 CG5)

12251 23Ed. 5/12/01 LAST NM 12/04 27/04
 Relocate Light "74B" from 37°18'24"N 77°00'23"W to
 37°18'26"N 77°00'24"W
 (15/04 CG5)

12253 43Ed. 6/03 LAST NM 19/04 27/04
 Delete Beacon "11" 36°52'50.0"N 76°21'06.3"W
 (15/04 CG5)

★12311 42Ed. 8/03 LAST NM 22/04 27/04
 Delete Danger circle "Anchor Rep (2004)" 39°30'36"N 75°32'36"W
 (See 16/04-12311)
 (16/04 CG5)

12327 97Ed. 9/03 LAST NM 24/04 27/04
 Add Range light, front Iso 6s (Priv) 40°41'17"N 74°04'49"W
 Range light, rear Iso 6s (Priv) 40°41'29"N 74°05'08"W
 Range line (dashed) between 40°41'29"N 74°05'08"W
 40°41'02"N 74°04'27"W
 Range line (solid) between 40°41'02"N 74°04'27"W
 40°40'12"N 74°03'08"W
 (Supersedes 20/04-12327)
 (US CH 12334; NTM0001/2004)

16006 33Ed. 12/23/00 LAST NM 21/04 27/04
 Add Superbuoy ODAS [Q58] "46075" Y, Fl Y 4s 53°55.5'N 160°48.4'W
 (NTM0002/2004)

16011 35Ed. 12/2/00 LAST NM 1/04 27/04
 Add Superbuoy ODAS [Q58] "46075" Y, Fl Y 4s 53°55.5'N 160°48.4'W
 (NTM0002/2004)

★16540 11Ed. 3/4/89 LAST NM 36/01 27/04
 Add Superbuoy ODAS [Q58] "46075" Y, Fl Y 4s 53°55.5'N 160°48.4'W
 (NTM0002/2004)

18007 31Ed. 3/31/01 LAST NM 24/04 27/04
 Relocate Superbuoy ODAS "46022" from 40°43.2'N 124°31.2'W to 40°42.8'N 124°31.1'W
 (11/04 CG11)

18008 7Ed. 10/12/96 LAST NM N24/04 N27/04
 Relocate Superbuoy ODAS "46022" from 40°43.2'N 124°31.2'W to 40°42.8'N 124°31.1'W
 (11/04 CG11)

18010 20Ed. 2/10/01 LAST NM 24/04 27/04
 Relocate Superbuoy ODAS "46022" from 40°43.2'N 124°31.2'W to 40°42.8'N 124°31.1'W
 (11/04 CG11)

18400 44Ed. 8/03 LAST NM 17/04 27/04
 Change Light to "1" Fl G 4s 28ft 5M 48°24.8'N 122°48.7'W
 (20/04 CG13)

18421 46Ed. 10/03 LAST NM 22/04 27/04
 Change Light to "1" Fl G 28ft 5M 48°24'49"N 122°48'41"W
 Light to Fl 4s 6M 48°33'11"N 122°51'14"W
 (20/04 CG13)

18423 34Ed. 12/03 LAST NM 22/04 27/04
 (Page A)
 Change Light to "1" Fl G 4s 28ft 5M 48°24'48"N 122°48'45"W
 (Page C)
 Change Light to Fl 4s 15ft 6M 48°33'10"N 122°51'15"W
 (Page D)
 Change Light to "1" Fl G 4s 28ft 5M 48°24'51"N 122°48'41"W
 Light to Fl 4s 15ft 6M 48°33'12"N 122°51'15"W
 (20/04 CG13)

★18429 9Ed. 12/02 LAST NM 22/03 27/04
 Change Light to "1" Fl G 4s 28ft 5M 48°24'48"N 122°48'43"W
 Light to Fl 4s 15ft 6M 48°33'11"N 122°51'15"W
 (20/04 CG13)

18430 8Ed. 10/03 LAST NM 17/04 27/04
 Change Light to Fl 4s 15ft 6M 48°33'11"N 122°51'15"W
 (20/04 CG13)

18465 36Ed. 1/04 LAST NM 18/04 27/04
 Change Light to "1" Fl G 4s 28ft 5M 48°24'48"N 122°48'43"W
 (20/04 CG13)

★18502 84Ed. 6/02 LAST NM 26/04 27/04
 Relocate Range light, front from 46°58'11.1"N 123°55'44.0"W to 46°58'11.6"N 123°55'54.3"W
 Range light, rear from 46°58'11.7"N 123°55'57.1"W to 46°58'12.1"N 123°56'10.2"W
 Note: Range bearing unchanged
 (19/04 CG13)

★18504 65Ed. 3/03 LAST NM 21/04 27/04
 (Inset)
 Delete Depth 16 feet 46°42'29.4"N 123°58'06.6"W
 Add Depth 13 feet 46°42'29.0"N 123°58'07.0"W
 (NOS)

★18523 54Ed. 10/03 LAST NM 20/04 27/04
 Delete Depth 21 feet 46°15'10"N 123°36'43"W
 Depth 43 feet 46°15'43"N 123°31'42"W
 Depth 47 feet 46°15'46"N 123°31'28"W
 Substitute Depth 15 feet for 20 feet 46°15'00.3"N 123°33'22.9"W
 Depth 12 feet for 23 feet 46°15'04.1"N 123°33'15.6"W
 Depth 29 feet for 36 feet 46°14'24.0"N 123°26'09.3"W
 Add Depth 13 feet 46°15'06.5"N 123°36'43.1"W
 Depth 16 feet 46°15'42.3"N 123°31'39.4"W
 Depth 19 feet 46°15'45.0"N 123°31'25.3"W
 (NOS)

★18584 47Ed. 8/25/01 LAST NM 13/04 27/04
 Add Tabulation of controlling depths from Subsection I-2
 (NOS)

★18620 23Ed. 6/1/02 LAST NM 24/04 27/04
 Relocate Superbuoy ODAS "46022" from 40°43.2'N 124°31.2'W to 40°42.8'N 124°31.1'W
 (11/04 CG11)

22305 2Ed. 2/17/96 LAST NM 34/03 27/04
 Change Visibility (range) of light to 14M 38°20.0'S 73°57.0'W
 Add Light Fl 15M 38°22.1'S 73°57.4'W
 (2(19)04 Valparaiso)

SECTION I

NM 27/04

22331	2Ed. 2/29/88 LAST NM N2/04	N27/04		
	Add Light Fl 5s 5m 9M with visible sector 117°-290°	42°56.0'S 72°49.5'W		
	(2(23)04 Valparaiso)			
22335	4Ed. 7/19/97 LAST NM 52/03	27/04		
	Add Light Fl 5s 9M	42°34.7'S 73°24.1'W		
	Light Fl 5s 9M	42°56.0'S 72°48.5'W		
	Depth 6 meters "Rep" [I4]	41°41.5'S 72°49.2'W		
	(2(20, 22, 23)04 Valparaiso)			
22341	9Ed. 9/11/99 LAST NM 2/04	27/04		
	Add Depth 6.1 meters "Rep" [I4]	41°41.5'S 72°49.2'W		
	(2(20)04 Valparaiso)			
22343	1Ed. 8/3/61 LAST NM N2/04	N27/04		
	Add Depth 6 meters "Rep" [I4]	41°41.6'S 72°49.6'W		
	(2(20)04 Valparaiso)			
22351	1Ed. 10/2/51 LAST NM N2/04	N27/04		
	Add Light Fl 5s 5m 9M with visible sector 356°-098°	42°34.8'S 73°24.4'W		
	Beacon, double ball topmark, Ra Ref	42°30.1'S 73°11.9'W		
	(2(21, 22)04 Valparaiso)			
22352	6Ed. 2/1/97 LAST NM 2/04	27/04		
	Change Legend to "Punta Garcia"	42°56.1'S 72°49.5'W		
	Add Light Fl 5s 5m 9M with visible sector 356°-098°	42°34.7'S 73°24.1'W		
	Light Fl 5s 5m 9M with visible sector 117°-290°	42°56.0'S 72°48.5'W		
	Beacon, double ball topmark, Ra Ref	42°30.1'S 73°11.5'W		
	(NGA; 2(21-23)04 Valparaiso)			
22360	2Ed. 11/29/97 LAST NM 2/04	27/04		
	Add Depth 211 meters	44°11.8'S 73°17.9'W		
	Depth 125 meters	44°12.0'S 73°17.9'W		
	Depth 146 meters	44°12.2'S 73°17.6'W		
	Depth 163 meters	44°12.5'S 73°17.4'W		
	Depth 230 meters	44°12.8'S 73°17.8'W		
	Depth 14 meters	44°17.0'S 73°17.8'W		
	(2(24, 25)04 Valparaiso)			
22361	2Ed. 7/25/84 LAST NM N2/04	N27/04		
	Add Depth 125 meters	44°12.0'S 73°17.9'W		
	Depth 146 meters	44°12.2'S 73°17.6'W		
	Depth 163 meters	44°12.5'S 73°17.4'W		
	Depth 14 meters enclosed by depth contour (20-meter)	44°17.0'S 73°17.8'W		
	Depth 14 meters enclosed by depth contour (20-meter)	44°42.7'S 73°29.1'W		
	(2(24, 25)04 Valparaiso)			
22371	5Ed. 8/9/97 LAST NM 4/04	27/04		
	Add Depth 14.2 meters, blue tint and enclosing depth contour (20-meter)	44°42.7'S 73°29.1'W		
	Buoy G, can, Fl G 5s, Ra Ref	45°43.2'S 73°53.1'W		
	(2(25, 26)04 Valparaiso)			
22373	1Ed. 8/3/50 LAST NM N3/04	N27/04		
	Add Buoy G, can, Fl G 5s, Ra Ref	45°43.2'S 73°53.1'W		
	(2(26)04 Valparaiso)			
22471	31Ed. 4/4/98 LAST NM 22/04	27/04		
	Delete Obscured sector 168°-178° from light	52°34'54"S 69°36'15"W		
	(2(27)04 Valparaiso)			
28004	1Ed. 7/4/92 LAST NM 22/03	27/04		
	Delete Depth 8 meters, blue tint, enclosing depth contour (20-meter) and legend "Rep (1972)"	16°57'N 83°15'W		
	Substitute Depth 26 meters for 23 meters (NTM0012/2004)	16°54'N 83°20'W		
★28006	1Ed. 1/4/92 LAST NM 8/03	27/04		
	Delete Depth 8 meters, blue tint, enclosing depth contour (20-meter) and legend "Rep (1972)"	16°57.2'N 83°14.8'W		
	Substitute Depth 26 meters for 23 meters (NTM0012/2004)	16°53.7'N 83°20.1'W		
36005	(INT 1070) 2Ed. 2/24/96 LAST NM 26/04	27/04		
	Delete Horn from light	49°22.4'N 1°48.4'W		
	Substitute Depth 23 meters Wk [K26] (PD) for wreck (PD)	48°48.7'N 2°36.5'W		
	(25(18), 27(16)03 Brest)			
37080	3Ed. 12/28/96 LAST NM 26/04	27/04		
	Delete Horn and SS from light	49°22.4'N 1°48.4'W		
	Substitute Depth 23 meters Wk [K26] (PD) for wreck (PD)	48°48.7'N 2°36.5'W		
	Add Buoy BY, pillar, double cone topmark points upward, Q	48°38.9'N 2°04.9'W		
	(25(18), 26(27), 27(16)03 Brest; BA LL)			
37090	8Ed. 2/8/97 LAST NM 26/04	27/04		
	Delete HORN and SS from light	49°22.4'N 1°48.4'W		
	(27(16)03 Brest; BA LL)			
37095	3Ed. 10/26/96 LAST NM 39/03	27/04		
	Delete HORN and Sig Sta from light	49°22.4'N 1°48.4'W		
	Add Danger circle "Obstn" [K40] (PA)	49°28.6'N 0°00.3'W		
	(27(15, 16)03 Brest; BA LL)			
37111	1Ed. 3/3/90 LAST NM 45/96	27/04		
	Delete Position circle "Silo"	49°55'25.0"N 1°05'13.5"E		
	(25(17)03 Brest)			
37120	2Ed. 3/22/97 LAST NM 26/04	27/04		
	Delete Caution No. 9 from CAUTIONS note	50°42.0'N 2°31.0'E		
	Add Danger circle "Obstn" [K40] (PA)	51°01.9'N 1°47.2'E		
	Danger circle "Obstn" [K40] (PA)	51°02.1'N 1°45.3'E		
	Danger circle "Obstn" [K40] (PA)	51°03.9'N 1°49.5'E		
	(27(13, 14)03 Brest)			
37121	11Ed. 3/1/97 LAST NM 26/04	27/04		
	Delete Caution No. 7 from CAUTIONS note	50°44'36"N 1°43'18"E		
	Add Danger circle "Obstn" [K40] (PA)	51°01'51"N 1°47'12"E		
	Danger circle "Obstn" [K40] (PA)	51°02'05"N 1°45'16"E		
	Danger circle "Obstn" [K40] (PA)	51°03'51"N 1°49'31"E		
	(27(13, 14)03 Brest)			
37123	9Ed. 8/8/98 LAST NM 20/03	27/04		
	Substitute Beacon BY, double cone topmark points upward, Q 7M for light	51°03'20"N 2°21'26"E		
	(32(18)03 Brest, BA LL)			
37125	15Ed. 8/24/96 LAST NM 20/03	27/04		
	Add Danger circle "Obstn" [K40] (PA)	51°01'51"N 1°47'12"E		
	Danger circle "Obstn" [K40] (PA)	51°02'05"N 1°45'16"E		
	Danger circle "Obstn" [K40] (PA)	51°03'51"N 1°49'31"E		
	(27(13)03 Brest)			
37127	11Ed. 1/18/86 LAST NM 20/03	27/04		
	Substitute Beacon BY, double cone topmark points upward, Q 11m 7M for light	51°03.38'N 2°21.51'E		
	(32(18)03 Brest; BA LL)			
37129	6Ed. 5/31/97 LAST NM 26/04	27/04		
	Substitute Beacon BY, double cone topmark points upward, Q 7M for light	51°03'20"N 2°21'26"E		
	(32(18)03 Brest, BA LL)			

37140 33Ed. 5/25/96 LAST NM 26/04 27/04
 Add Danger circle "Obstn" [K40] (PA) 51°01.9'N 1°47.2'E
 Danger circle "Obstn" [K40] (PA) 51°02.1'N 1°45.3'E
 Danger circle "Obstn" [K40] (PA) 51°03.9'N 1°49.5'E
 (27(13)03 Brest)

37258 4Ed. 9/6/97 LAST NM 22/03 27/04
 Add Danger circle "Obstn" [K40] (PA) 49°28'33.9"N 0°00'19.9"E
 (27(15)03 Brest)

37261 10Ed. 6/21/97 LAST NM 22/03 27/04
 Add Danger circle "Obstn" [K40] (PA) 49°28'33.9"N 0°00'19.9"E
 (27(15)03 Brest)

37262 20Ed. 9/13/97 LAST NM 11/03 27/04
 Add Danger circle "Obstn" [K40] (PA) 49°28'33.9"N 0°00'19.9"E
 (27(15)03 Brest)

37320 16Ed. 9/6/97 LAST NM 26/04 27/04
 Substitute Depth 92 meters Wk [K26] (PA) for wreck PD 48°18'00"N 5°21'00"W
 Depth 6 meters for 14.7 meters 48°03'18"N 5°05'06"W
 (27(17), 32(23)03 Brest)

37330 2Ed. 7/12/97 LAST NM 14/03 27/04
 Substitute Depth 23 meters Wk [K26] (PD) for wreck 48°48.7'N 2°36.5'W
 Add "Anchoring, Dredging and Trawling Prohibited" area [N2.1] bound by purple composite line joining
 48°48.8'N 3°43.8'W
 48°50.9'N 3°46.0'W
 48°50.7'N 3°53.2'W
 48°56.9'N 3°57.1'W
 48°57.4'N 4°01.6'W
 48°57.1'N 4°06.8'W
 48°58.0'N 4°02.9'W
 48°57.8'N 3°56.8'W
 48°57.3'N 3°56.1'W
 48°51.7'N 3°52.2'W
 48°51.4'N 3°45.1'W
 48°50.6'N 3°43.8'W
 48°48.7'N 3°42.8'W
 (25(18), 32(22)03 Brest)

43261 5Ed. 4/16/94 LAST NM 26/04 27/04
 Add Light QR 62°50'04"N 7°02'30"E
 (20(891)03 Stavanger)

43262 5Ed. 6/18/94 LAST NM 26/04 27/04
 Add Light QR 62°38'16"N 6°31'40"E
 Light Fl G 3s 62°49'54"N 7°02'39"E
 Light QR 62°50'05"N 7°02'36"E
 Buoy BYB, spar 62°49'52"N 7°04'46"E
 Submarine cable [L30.1] joining 62°41'27"N 6°38'35"E
 62°40'54"N 6°39'28"E
 62°40'50"N 6°39'37"E
 Beacon R, cone topmark 62°42'57"N 7°11'08"E
 Beacon 62°43'19"N 7°14'43"E
 Buoy BRB, spar 62°46'41"N 6°32'53"E
 (10(474, 475), 18(802), 20(889-891), 23(1048)03 Stavanger)

43264 2Ed. 8/3/85 LAST NM 26/04 27/04
 Add Buoy BRB, spar 62°46'41"N 6°32'53"E
 (23(1048)03 Stavanger)

44015 8Ed. 7/22/95 LAST NM 22/04 27/04
 Add Wreck [K29] 54°36.0'N 15°58.4'E
 (11(92)04 Kobenhavn)

44037 5Ed. 8/31/96 LAST NM 52/03 27/04
 Add Depth 37 meters Wk [K26] 57°17.6'N 11°23.7'E
 Depth 43 meters Wk [K26] 57°13.8'N 11°20.4'E
 (12(104)04 Kobenhavn)

44041 7Ed. 4/3/93 LAST NM 26/04 27/04
 Add Depth 44 meters Wk [K26] 57°30'46"N 11°23'57"E
 Depth 36 meters Wk [K26] 57°28'27"N 11°23'34"E
 (12(104)04 Kobenhavn)

44042 7Ed. 8/22/92 LAST NM 26/04 27/04
 Delete Buoy "1" 57°40'01.8"N 11°41'43.8"E
 Buoy 57°40'41.4"N 11°42'37.2"E
 Buoy "7/9" 57°40'43.2"N 11°43'53.4"E
 Buoy "8/10" 57°40'36.6"N 11°43'52.2"E
 Buoy "9/11" 57°40'38.4"N 11°44'27.6"E
 Buoy 57°40'38.4"N 11°45'12.6"E
 Buoy 57°40'31.8"N 11°45'15.6"E
 Buoy "15" 57°40'45.5"N 11°46'18.7"E
 Buoy "16" 57°40'36.6"N 11°46'22.2"E
 Buoy 57°40'43.7"N 11°47'42.7"E
 Buoy 57°40'48.6"N 11°49'25.2"E
 Buoy 57°40'44.4"N 11°49'30.0"E
 Buoy 57°40'48.4"N 11°49'25.0"E
 Dashed line in vicinity 57°42'16.0"N 11°56'18.0"E
 Substitute Depth 14.7 meters for shoal and enclosing depth contour (3-meter) 57°40'50.0"N 11°49'24.5"E
 Change Legend to "6.8m" 57°42'12.0"N 11°56'18.0"E
 Legend to "6.9m" 57°42'05.0"N 11°56'15.0"E
 Add Dashed line between 57°42'13.0"N 11°56'17.5"E
 57°42'14.0"N 11°56'21.5"E
 Depth 4 meters 57°42'14.0"N 11°56'19.0"E
 Depth 4 meters 57°42'18.0"N 11°56'22.0"E
 (10(1766, 1768), 12(1755)04 Norrkoping; Swd CH 9312)

44043 8Ed. 11/30/96 LAST NM 26/04 27/04
 Add Depth 63 meters Wk [K26] 57°19'38"N 11°28'16"E
 Depth 74 meters Wk [K26] 57°19'15"N 11°26'53"E
 Depth 72 meters Wk [K26] 57°17'11"N 11°26'56"E
 (12(104)04 Kobenhavn)

44044 6Ed. 11/9/96 LAST NM 25/04 27/04
 Add Depth 63 meters Wk [K26] 57°19.6'N 11°28.3'E
 Depth 74 meters Wk [K26] 57°19.2'N 11°26.9'E
 Depth 37 meters Wk [K26] 57°17.6'N 11°23.7'E
 Depth 72 meters Wk [K26] 57°17.2'N 11°26.9'E
 Depth 43 meters Wk [K26] 57°13.8'N 11°20.4'E
 (12(104)04 Kobenhavn)

44046 10Ed. 7/13/96 LAST NM 19/04 27/04
 Add Depth 28.5 meters Wk [K26] 55°42'38"N 10°46'22"E
 Depth 15.5 meters Wk [K26] 55°42'16"N 10°57'07"E
 Depth 15.1 meters Wk [K26] 55°52'06"N 10°50'17"E
 Add (Plan A) Position circle "Dol" [F20] 56°09'25.1"N 10°13'22.6"E
 (4(32, 33), 13(107), 14(113)04 Kobenhavn)

44064 19Ed. 6/29/96 LAST NM 15/04 27/04
 Add Depth 28.5 meters Wk [K26] 55°42.6'N 10°46.4'E
 Depth 15.5 meters Wk [K26] 55°42.3'N 10°57.1'E
 (4(32, 33)04 Kobenhavn)

44068 11Ed. 5/18/96 LAST NM 9/04 27/04
 Add Wreck [K29] 54°45.6'N 12°54.8'E
 (4(31)04 Kobenhavn)

44081 9Ed. 3/16/96 LAST NM 23/04 27/04
 Add Wreck [K29] 54°45'38"N 12°54'46"E
 (4(31)04 Kobenhavn)

44100 7Ed. 3/9/96 LAST NM 23/04 27/04
 Add Wreck [K29] 54°45.6'N 12°54.8'E
 Depth 4 meters Wk [K26] 55°46.6'N 14°21.0'E
 (4(31)04 Kobenhavn; 17(1872)04 Norrkoping)

44120 7Ed. 2/22/97 LAST NM 23/04 27/04
 Add Wreck [K29] 54°36.0'N 15°58.4'E
 Depth 4 meters Wk [K26] 55°46.6'N 14°21.0'E
 (11(92)04 Kobenhavn; 17(1872)04 Norrkoping)

SECTION I

NM 27/04

44161	2Ed. 6/8/96	LAST NM 22/04	27/04		
	Add	Maximum authorized draft "7m" [M6] to recommended track	56°39'41.0"N 16°22'33.0"E		
		(Plan Kalmar)			
	Add	Maximum authorized draft "7m" [M6]	56°39'41.0"N 16°22'33.0"E		
		(10(1771)04 Norrköping)			
44182	4Ed. 5/28/94	LAST NM 26/04	27/04		
	Delete	Legend "Drawbridge"	59°21'32.0"N 18°06'06.0"E		
	Change	Legend to "VERT CL 4.3M" (See 1/04-44182)	59°21'30.0"N 18°06'15.0"E		
		(10(1772)04 Norrköping)			
44184	9Ed. 5/11/96	LAST NM 24/04	27/04		
	Add	Submarine cable [L30.1] joining	59°22'52.5"N 18°54'46.0"E 59°22'37.8"N 18°54'49.2"E 59°22'35.4"N 18°54'46.2"E		
		(49(1496)98 Norrköping; Swd CH 6143)			
44193	1Ed. 7/16/94	LAST NM 25/04	27/04		
	Add	Depth 6.6 meters	59°35'50"N 16°33'15"E		
		Depth 7.5 meters	59°36'00"N 16°33'02"E		
		Depth 7.2 meters	59°36'05"N 16°33'05"E		
		Buoy G, spar, cone topmark	59°35'47"N 16°33'15"E		
		Buoy R, spar	59°35'51"N 16°33'01"E		
		(6(1680)04 Norrköping)			
44205	2Ed. 4/9/94	LAST NM 23/04	27/04		
	Add	LEGEND "CAUTION NO 3"	60°41'54.0"N 17°20'12.0"E		
		Caution No. 3 to CAUTIONS note "3. Vessels exceeding 40 m in length or 7 m in beam may not use Bäckharsrännan passage."	60°39'27.0"N 17°13'24.0"E		
		(6(1554)04 Norrköping)			
44342	8Ed. 4/27/96	LAST NM 22/04	27/04		
	Delete	Buoy	60°10'57.0"N 25°01'24.0"E		
		Buoy	60°10'46.0"N 25°01'10.0"E		
		Buoy	60°10'43.0"N 25°01'16.0"E		
	Relocate	Buoy from 60°09'15.0"N 24°59'45.6"E to	60°09'50.4"N 24°59'43.8"E		
	Change	Legend to "9m"	60°10'15.0"N 24°58'45.0"E		
		Legend to "6.9m"	60°10'29.0"N 25°00'45.0"E		
	Add	Buoy BYB, spar	60°10'22.8"N 24°58'30.0"E		
		Buoy YBY, spar	60°10'31.2"N 24°58'25.2"E		
		Buoy BYB, spar, double cone topmark bases together	60°10'41.4"N 25°00'58.2"E		
		Buoy BYB, spar, double cone topmark bases together	60°10'46.2"N 25°01'06.6"E		
		Buoy YBY, spar, double cone topmark points together	60°10'44.4"N 25°01'12.0"E		
		Buoy YB, spar, double cone topmark points downward	60°11'24.0"N 25°01'24.0"E		
		Buoy YB, spar, double cone topmark points downward	60°10'03.6"N 24°59'15.0"E		
		Buoy Y, spar, "X" topmark	60°10'17.4"N 24°58'28.8"E		
		Buoy Y, spar, "X" topmark	60°10'13.8"N 24°58'24.6"E		
		(5(94), 13(236), 18(368)02 Helsinki; Fin CH 191)			
44420	6Ed. 12/14/96	LAST NM 26/04	27/04		
	Add	Solid line (recommended track extension) [M3] between	56°28.5'N 20°41.4'E 56°29.7'N 20°46.5'E		
		(1(3)02 Riga)			
44430	2Ed. 6/22/96	LAST NM 22/04	27/04		
	Add	Solid line (recommended track extension) [M3] between	56°28.5'N 20°41.4'E 56°30.4'N 20°49.5'E		
		(1(3)02 Riga)			
51135	1Ed. 12/7/91	LAST NM 25/04	27/04		
	Add	Chartlet A, depicting changes in hydrography and aids to navigation, from Subsection I-2	40°38'24.0"N 8°45'48.0"W		
		Chartlet B, depicting changes in hydrography and aids to navigation, from Subsection I-2	40°38'42.0"N 8°44'33.0"W		
		(3(108)00 Lisboa)			
51164	18Ed. 2/5/00	LAST NM 14/04	27/04		
	Add	Pilot station symbol [T1.1]	36°35'12"N 6°20'06"W		
		(13(1463)04 Taunton)			
51165	8Ed. 3/11/00	LAST NM 8/04	27/04		
	Add	Pilot station symbol [T1.1]	36°35'12.0"N 6°20'06.0"W		
		(13(1463)04 Taunton)			
51167	6Ed. 3/11/00	LAST NM 14/04	27/04		
	Add	Pilot station symbol [T1.1]	36°35'12.0"N 6°20'06.0"W		
		(13(1463)04 Taunton)			
52031	1Ed. 2/1/92	LAST NM 25/04	27/04		
	Delete	R Bn at light	36°43.4'N 2°11.5'W		
		(43(745)02 Cadiz)			
52040	17Ed. 9/27/86	LAST NM 20/04	27/04		
	Delete	R Bn at light	36°43.4'N 2°11.5'W		
		(43(745)02 Cadiz)			
52051	1Ed. 3/12/94	LAST NM 16/04	27/04		
	Delete	R Bn at light	36°43'18"N 2°11'35"W		
		(43(745)02 Cadiz)			
52060	16Ed. 9/26/87	LAST NM 6/04	27/04		
	Delete	R Bn at light	36°43.4'N 2°11.5'W		
		(43(745)02 Cadiz)			
53081	8Ed. 1/14/95	LAST NM 16/03	27/04		
	Delete	Depth 4.5 meters Obstrn	43°06'33.6"N 5°53'44.4"E		
	Change	Legend "MOORING, ANCH AND FISH PROHIB" to "MOORING, ANCH AND DIVING PROHIB"	43°03'23.0"N 6°00'22.0"E		
		(44(29)00, 39(37)01 Brest)			
54090	3Ed. 9/14/02	LAST NM 12/04	27/04		
	Change	Light to Fl(2) 8s 70m 9M	40°30.8'N 19°23.7'E		
		Light to Fl 10s 44m 11M	40°24.7'N 19°28.6'E		
	Add	Light Fl 6s 58m 11M	40°25.3'N 19°17.6'E		
		(1(12)04 Genova)			
54161	12Ed. 11/5/94	LAST NM 21/03	27/04		
	Add	Legend "Breakwater under constr (2004)" between	45°13'50.4"N 12°19'22.8"E 45°13'29.4"N 12°19'11.4"E		
		(14(1592)04 Taunton)			
54266	2Ed. 4/15/95	LAST NM 13/03	27/04		
		(Panel B)			
	Change	Characteristic of light to Fl(2) 8s	40°30'44"N 19°23'45"E		
		Light to Fl(2) 5s 21m 8M	40°19'42"N 19°25'12"E		
		Light to Fl 6s 58m 11M	40°25'21"N 19°17'36"E		
		Light to Fl 10s 44m 11M	40°24'54"N 19°28'54"E		
		Light to Fl(3) 8s 75m 8M	40°22'34"N 19°24'18"E		
		(1(12)04 Genova)			
54463	5Ed. 6/29/96	LAST NM 1/04	27/04		
		(Plan C)			
	Add	Position circle "Chy (R Lts)"	34°43'36.0"N 33°17'25.2"E		
		(14(1477)01 Taunton)			
55120	12Ed. 1/4/86	LAST NM 1/03	27/04		
		(Panel A)			
	Add	Dangerous wreck [K28]	31°32.5'N 26°27.5'E		

(continued on next page)

56120 (Continued)
(Panel B)
 Add Dangerous wreck [K28] 31°32.5'N 26°27.5'E
 (14(1519)04 Taunton)

57381 12Ed. 7/12/97 LAST NM 4/04 27/04
(Plan)
 Add Buoy Y, can, QY 22°55'44.6"S 14°30'26.9"E
 (5(43)04 Cape Town)

57488 6Ed. 9/27/97 LAST NM 22/04 27/04
 Relocate Berth designation "4" from 33°54'58.4"S 18°26'37.0"E to 33°54'56.8"S 18°26'35.0"E
 Add Depth 1.5 meters Wk "(buoyed)" [K26] 33°54'58.6"S 18°26'37.2"E
 Depth 1 meter Wk "(buoyed)" [K26] 33°54'16.8"S 18°26'26.5"E
 (5(44)04 Cape Town)

61000 20Ed. 10/7/95 LAST NM 20/04 27/04
 Add Wreck [K29] 34°12.1'S 22°12.8'E
 (5(46)04 Cape Town)

61050 4Ed. 5/18/96 LAST NM 31/03 27/04
 Add Wreck [K29] 34°12.1'S 22°12.8'E
 (5(46)04 Cape Town)

61051 7Ed. 3/28/98 LAST NM 24/03 27/04
 Add Wreck [K29] 34°12'05"S 22°12'47"E
 (5(46)04 Cape Town)

62092 7Ed. 12/23/95 LAST NM 41/02 27/04
 Add Legend "Works in progress (2004)" centered 11°36'12"N 43°03'00"E
 (NTM0013/2004)

62191 15Ed. 2/1/03 LAST NM 28/03 27/04
 Add Purple circle and legend "Mo(U) 15s HORN RACON" to platform 27°51'23"N 33°42'45"E
 (18(1941)04 Taunton; BA LL)

62560 4Ed. 3/1/03 LAST NM 17/04 27/04
 Add Danger circle "Obstn" [K40] 27°54'45"N 48°51'22"E
 Danger circle "Obstn" [K40] 27°54'07"N 48°51'02"E
 Danger circle "Obstn" [K40] 27°54'10"N 48°55'31"E
 Danger circle "Obstn" [K40] 27°53'29"N 48°55'18"E
 Danger circle "Obstn" [K40] 27°52'45"N 48°53'41"E
 (14(1557)04 Taunton)

73004 4Ed. 7/18/98 LAST NM 26/04 27/04
 Add Depth 26 meters "Rep (1999)" [I3.2] (PA) 9°24.5'S 125°18.0'E
 (BA CH 3244)

95040 8Ed. 7/22/95 LAST NM 11/03 27/04
 Change Height of light to 92m 38°44'58"N 124°58'10"E
 Visibility (range) of light to 17M 38°40'46"N 124°58'36"E
 Light to Fl(2) 3s 86m 25M 38°40'49"N 125°10'32"E
 (ROK LL; ROK CH W324)

95043 2Ed. 7/17/93 LAST NM 8/01 27/04
 Change Height of light to 92m 38°44'58"N 124°58'10"E
 Visibility (range) of light to 17M 38°40'46"N 124°58'36"E
 Light to Fl(2) 3s 86m 25M 38°40'49"N 125°10'32"E
(Plan A)
 Change Light to Fl(2) 3s 86m 25M 38°40'49"N 125°10'32"E
 (ROK LL; ROK CH W324)

96947 15Ed. 5/16/98 LAST NM 25/04 27/04
 Add Depth 9.8 meters Obstn [K41] 41°46'36.1"N 140°42'57.4"E
 (17(469)04 Tokyo)

97005 9Ed. 8/19/95 LAST NM 17/04 27/04
 Add Submarine cable [L30.1] joining 37°41.7'N 142°22.8'E
 38°09.4'N 141°07.8'E
 38°11.0'N 141°03.8'E

(31(1294)99 Tokyo) 38°13.1'N 141°02.5'E
 38°14.4'N 141°00.2'E

97042 7Ed. 6/6/98 LAST NM 20/03 27/04
 Add Depth 26 meters 39°31'35.4"N 142°04'50.8"E
 (19(522)04 Tokyo)

97060 8Ed. 9/6/97 LAST NM 26/03 27/04
 Add Submarine cable [L30.1] joining 38°10'12"N 141°05'42"E
 38°11'00"N 141°03'46"E
 38°13'08"N 141°02'29"E
 38°14'24"N 141°00'12"E
 (31(1294)99 Tokyo)

97062 12Ed. 12/6/97 LAST NM 10/04 27/04
 Add Submarine cable [L30.1] joining 38°09'41.0"N 141°07'10.0"E
 38°11'00.0"N 141°03'46.0"E
 38°13'08.0"N 141°02'29.0"E
 38°13'29.0"N 141°01'48.0"E
 (31(1294)99 Tokyo)

97083 3Ed. 11/29/97 LAST NM 35/03 27/04
 Add Submarine cable [L30.1] between 38°14'06.5"N 141°00'43.5"E
 38°14'24.0"N 141°00'12.0"E
 (31(1294)99 Tokyo)

97200 9Ed. 8/26/95 LAST NM 23/04 27/04
 Add Fish haven symbol [K46.1] 34°01'45"N 135°05'45"E
 (19(509)04 Tokyo)

97219 4Ed. 12/20/97 LAST NM 13/04 27/04
 Delete Beacons (4) in vicinity 34°40'02.0"N 134°31'36.0"E
 Add Fish haven symbol [K46.1] 34°38'00.0"N 134°26'48.0"E
 (17(459), 19(511)04 Tokyo)

97221 20Ed. 1/17/98 LAST NM 24/04 27/04
 Add Fish haven symbol [K46.1] 34°38'00"N 134°26'48"E
 Fish haven symbol [K46.1] 34°01'45"N 135°05'45"E
 (17(459), 19(509)04 Tokyo)

97222 12Ed. 12/27/97 LAST NM 24/04 27/04
 Add Fish haven symbol [K46.1] 34°17'34"N 134°57'24"E
 (19(510)04 Tokyo)

97225 32Ed. 1/24/04 LAST NM 21/04 27/04
 Add Fish haven symbol [K46.1] 34°17'34"N 134°57'24"E
(Plan)
 Add Fish haven symbol [K46.1] 34°17'34"N 134°57'24"E
 (19(510)04 Tokyo)

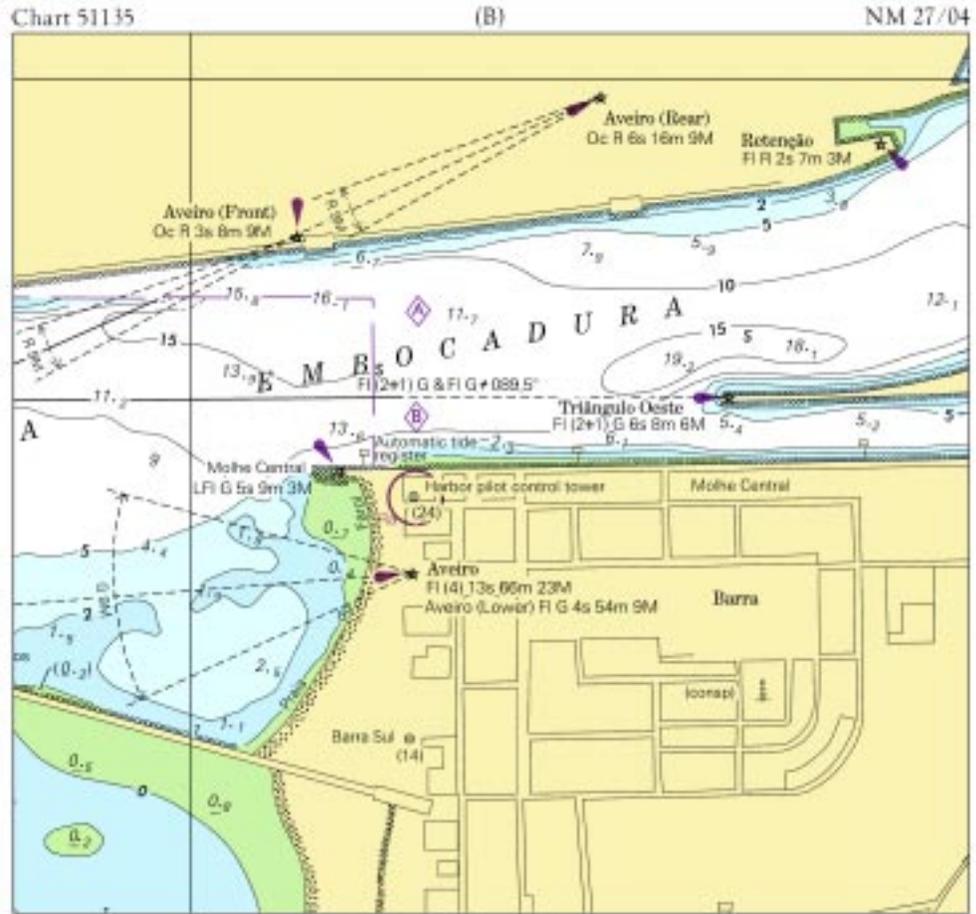
97241 6Ed. 2/21/98 LAST NM 23/04 27/04
 Delete Submarine cable in vicinity 33°53'51.0"N 132°41'45.0"E
 Submarine cable in vicinity 33°53'56.0"N 132°41'45.0"E
 (31(1297)99 Tokyo)

97261 15Ed. 1/31/98 LAST NM 24/04 27/04
 Delete Submarine cable in vicinity 33°53'48"N 132°41'45"E
 Submarine cable in vicinity 33°53'56"N 132°41'45"E
 Submarine cable in vicinity 33°55'48"N 132°40'33"E
 (31(1297)99 Tokyo)

97266 5Ed. 7/5/97 LAST NM 23/04 27/04
 Delete Submarine cable in vicinity 33°53'51"N 132°41'45"E
 Submarine cable in vicinity 33°55'48"N 132°40'33"E
 (31(1297)99 Tokyo)

97300 6Ed. 12/13/97 LAST NM 22/04 27/04
 Add Fish haven symbol [K46.1] 33°18.2'N 133°17.4'E
 Fish haven symbol [K46.1] 33°13.6'N 133°16.9'E
 (17(457)04 Tokyo)

97398 4Ed. 8/16/03 LAST NM 43/03 27/04
Add Fish haven symbol [K46.1] 33°23'11"N 129°36'10"E
(19(513)04 Tokyo)



SECTION I

NM 27/04

Chart 11301

NM 27/04

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:							
ENTRANCE CHANNEL	44.0	43.0	41.0	1-04	300	1.7	44
JETTY CHANNEL	41.0	39.0	38.0	3-04	300-400	1.7	42
LAGUNA MADRE CHANNEL	34.0	41.0	35.0	1-04	250	2.5	42
BROWNSVILLE SHIP CHANNEL:							
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	41.0	43.0	42.0	1-04	250	3.5	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	38.0	41.0	39.0	1-04	250	4.7	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	41.0	44.0	43.0	1-04	300	2.4	42
BROWNSVILLE TURNING BASIN	29.0	36.0	34.0	1-04	500-1200	1.7	42-36
PORT ISABEL CHANNEL:							
JUNCTION TO TURNING BASIN (INCLUDING WIDENER AT JUNCTION)	36.0	36.0	34.0	2-02	200	1.0	36
PORT ISABEL TURNING BASIN	35.0	35.0	34.0	2-02	1000	0.2	36
CUT OFF CHANNEL	36.0	36.0	36.0	2-02	200	0.9	36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11302 (Side B)

NM 27/04

BROWNSVILLE AND PORT ISABEL HARBORS CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BRAZOS SANTIAGO PASS:							
ENTRANCE CHANNEL	44.0	43.0	41.0	1-04	300	1.7	44
JETTY CHANNEL	41.0	39.0	38.0	3-04	300-400	1.7	42
LAGUNA MADRE CHANNEL	34.0	41.0	35.0	1-04	250	2.5	42
BROWNSVILLE SHIP CHANNEL:							
JUNCTION BASIN TO BOCA CHICA PASSING BASIN	41.0	43.0	42.0	1-04	250	3.5	42
BOCA CHICA PASSING BASIN TO GOOSE I. PASSING BASIN	38.0	41.0	39.0	1-04	250	4.7	42
GOOSE I. PASSING BASIN TO BROWNSVILLE TURNING BASIN	41.0	44.0	43.0	1-04	300	2.4	42
BROWNSVILLE TURNING BASIN	29.0	36.0	34.0	1-04	500-1200	1.7	42-36
PORT ISABEL CHANNEL:							
JUNCTION TO TURNING BASIN (INCLUDING WIDENER AT JUNCTION)	36.0	36.0	34.0	2-02	200	1.0	36
PORT ISABEL TURNING BASIN	35.0	35.0	34.0	2-02	1000	0.2	36
CUT OFF CHANNEL	36.0	36.0	36.0	2-02	200	0.9	36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

SECTION I

NM 27/04

Chart 11316

NM 27/04

MATAGORDA SHIP CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	39.0	40.0	39.0	2-04	300	3.21	38
THENCE TO LIGHT 48	29.0	33.0	29.0	12-03	300-200	10.84	36
THENCE TO LIGHT 76	30.0	34.0	32.0	4-04	200	7.42	36
THENCE TO POINT COMFORT TURNING BASIN	34.0	40.0	33.0	4-04	200-399	0.98	36
TURNING BASIN	30.0	29.0	29.0	2-04	1000	0.17	36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11317

NM 27/04

MATAGORDA SHIP CHANNEL							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SEA BAR AND JETTY CHANNEL	39.0	40.0	39.0	2-04	300	3.21	38
THENCE TO LIGHT 48	29.0	33.0	29.0	12-03	300-200	10.84	36
THENCE TO LIGHT 76	30.0	34.0	32.0	4-04	200	7.42	36
THENCE TO POINT COMFORT TURNING BASIN	34.0	40.0	33.0	4-04	200-399	0.98	36
TURNING BASIN	30.0	29.0	29.0	2-04	1000	0.17	36

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

Chart 11322 (Side B)

NM 27/04

FREEPORT HARBOR CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
CHANNEL FROM DEEP WATER TO SEAWARD END OF JETTY	44.0	45.0	42.0	3-04	400	3.7	47
JETTY CHANNEL	42.0	46.0	38.0	2-04	400	1.2	45
LOWER TURNING BASIN	39.0	41.0	41.0	2-04	750	0.9	45
THENCE TO BRAZOSPORT TURNING BASIN	43.0	45.0	44.0	2-04	400-600	0.4	45
BRAZOSPORT TURNING BASIN CHANNEL TO UPPER TURNING BASIN	45.0	45.0	43.0	2-04	500-1000	0.2	45
BRAZOS HARBOR APPROACH CHANNEL	41.0	47.0	45.0	2-04	280-750	0.9	45
BRAZOS HARBOR TURNING BASIN	38.0	39.0	40.0	2-04	200-650	0.5	36
BRAZOS HARBOR TURNING BASIN	35.0	38.0	38.0	2-04	750	0.1	36
UPPER TURNING BASIN CHANNEL TO STAUFFER TURNING BASIN	46.0	46.0	47.0	2-04	600-1190	0.2	45
STAUFFER TURNING BASIN	17.0	19.0	17.5	11-88	200	1.0	25
STAUFFER TURNING BASIN	18.0	18.0	16.0	11-88	500	0.1	25

INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.

NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION

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NM 27/04

Chart 11324

NM 27/04

GALVESTON BAY AND HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
GALVESTON HARBOR:								
ENTRANCE CHANNEL	46.0	46.0	47.0	45.0	1-04	800-1000	7.5	45
OUTER BAR CHANNEL	35.0	44.0	46.0	52.0	1-04	800	1.5	45
INNER BAR CHANNEL	37.0	41.0	42.0	34.0	1-04	800	2.9	45
BOLIVAR ROADS CHANNEL	47.0	49.0	47.0	41.0	1-04	800	0.7	45
HOUSTON SHIP CHANNEL:								
BOLIVAR ROADS TO LOWER END OF MORGAN PT.	36.0	41.0	42.0	34.0	1-04	400-530	23.4	40
GALVESTON CHANNEL	29.0	36.0	30.0	20.0	1-04	1125-1075	3.5	40
TEXAS CITY CHANNEL	40.0	44.0	44.0	44.0	1-04	400	5.9	40
TEXAS CITY TURNING BASIN	42.0	43.0	43.0	43.0	11-03	1200	0.5	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11325

NM 27/04

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
HOUSTON SHIP CHANNEL:								
EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	34.0	36.0	41.0	36.0	11-03	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	36.0	40.0	37.0	32.0	2-04	400-300	4.70	40
GREENS BAYOU CHANNEL (TO FIRST BEND)	31.0	31.0	35.0	36.0	11-03	500-175	0.34	36
THENCE TO HUNTING BAYOU (UPPER BEND)	37.0	41.0	42.0	39.0	3-04	300	1.91	40
TURNING POINT AT HUNTING BAYOU THENCE TO SOUTHERN PACIFIC SLIP	37.0	40.0	40.0	36.0	3-04	300	3.04	40
TURNING POINT AT SIMS BAYOU THENCE TO HOUSTON	40.0	40.0	41.0	40.0	3-04	700	0.26	40
TURNING BASIN WHARF 15	30.0	35.0	36.0	34.0	1-04	300	2.69	36
TURNING POINT AT BRADY ISLAND	30.0	37.0	40.0	39.0	1-04	422	0.17	36
HOUSTON TURNING BASIN	31.0	32.0	34.0	31.0	11-03	250-1000	0.70	36
UPPER TURNING BASIN	19.0	22.0	15.0	15.0	11-03	150	0.23	36
A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO. B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP.								
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION.								
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

Chart 11327

NM 27/04

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BOLIVAR ROADS TO LOWER END OF MORGAN POINT	36.0	41.0	42.0	34.0	1-04	400-530	23.4	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11328

NM 27/04

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
BOLIVAR ROADS TO LOWER END OF MORGAN POINT	36.0	41.0	42.0	34.0	1-04	400-530	23.4	40
LOWER END OF MORGAN PT. TO EXXON OIL CO. SLIP	40.0	43.0	47.0	43.0	1-04	400-525	4.2	40
INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11329

NM 27/04

HOUSTON SHIP CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOW TIDE (MLT).						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
LOWER END OF MORGAN PT. TO EXXON OIL CO. SLIP	40.0	43.0	47.0	43.0	1-04	400-525	4.20	40
EXXON OIL CO. SLIP TO CARPENTERS BAYOU (A)	34.0	36.0	41.0	36.0	11-03	400-525	4.90	40
THENCE TO GREENS BAYOU (B)	36.0	40.0	37.0	32.0	3-04	400-300	4.70	40
A. CHANNEL WIDENS 125 FEET IN LEFT OUTSIDE QUARTER IN VICINITY OF EXXON OIL CO. B. CHANNEL NARROWS IN VICINITY OF THE SHELL OIL CO. SLIP. INFORMATION IN THIS TABULATION HAS BEEN PROVIDED TO NOAA BY THE U.S. ARMY CORPS OF ENGINEERS. DEPTHS ARE REFERENCED TO A LOCAL DREDGING REFERENCE CALLED MEAN LOW TIDE. FOR AN APPROXIMATE CONVERSION TO MEAN LOWER LOW WATER, ADD 1 FOOT TO EACH DEPTH IN THE TABULATION. NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 27/04

Chart 11332

NM 27/04

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	40	42	43	35	1-04	800	12.8	42
OUTER BAR CHANNEL	42	42	42	40	1-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11341

NM 27/04

SABINE PASS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE BANK CHANNEL	40	42	43	35	1-04	800	12.8	42
OUTER BAR CHANNEL	42	42	42	40	1-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 11342

NM 27/04

SABINE PASS - SABINE - NECHES CANAL CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE PASS:								
OUTER BAR CHANNEL	42	42	42	40	1-04	800	3.0	42
JETTY CHANNEL	35	43	42	31	4-04	800-500	3.5	40
PASS CHANNEL	21	27	40	25	1-04	500-1150	4.9	40
ANCHORAGE BASIN	33	21	11	1	2-03	1500	0.5	40
PORT ARTHUR SHIP CANAL	36	41	39	34	1-04	500	4.8	40
JUNCTION PORT ARTHUR- SABINE NECHES CANALS	35	41	37	36	2-04	400-1200	1.1	40
ENTRANCE TO PORT ARTHUR								
TURNING BASINS	40	42	42	40	1-04	282-735	0.2	40
EAST TURNING BASIN	42	42	42	42	1-04	370-547	0.3	40
WEST TURNING BASIN	42	42	42	42	1-04	350-735	0.3	40
CHANNEL CONNECTING WEST BASIN AND								
TAYLOR BAYOU TURNING BASIN	41	42	42	37	1-04	200-350	0.5	40
TAYLOR BAYOU TURNING BASIN	23	26	31	34	1-04	90-1233	0.6	40
SABINE-NECHES CANAL:								
PORT ARTHUR TO NECHES RIVER	23	36	33	25	1-04	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	26	26	24	1-04	200	3.9	30
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

SECTION I

NM 27/04

Chart 11343

NM 27/04

SABINE AND NECHES RIVERS CHANNEL DEPTHS								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF MAY 2004								
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)						PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	LEFT INSIDE QUARTER	RIGHT INSIDE QUARTER	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
SABINE-NECHES CANAL :								
PORT ARTHUR TO NECHES RIVER	23	36	33	25	1-04	400	9.6	40
NECHES RIVER TO SABINE RIVER	26	26	26	24	1-04	200	3.9	30
NECHES RIVER:								
MOUTH TO SMITH BLUFF	29	34	38	35	2-04	400	8.3	40
TURNING BASIN AT DEER BAYOU	40	39	39	37	2-04	700	0.2	40
TURNING BASIN AT SMITHS BLUFF	42	41	41	38	2-04	1400-400	0.2	40
SMITH BLUFF TO BEAUMONT	33	38	37	29	2-04	400	7.5	40
TURNING BASIN (30°02'12"N, 94°01'58"W)	41	42	42	41	2-04	400-1306	0.2	40
CHANNEL EXTENSION	38	38	39	38	2-04	350	0.2	36
MANEUVERING AREA (30°04'44"N, 94°05'05"W)	35	38	37	32	2-04	400-1000	0.6	40
BEAUMONT TURNING BASIN	37	35	36	30	4-03	400-535	0.2	34
TURNING BASIN EXTENSION	33	33	30	24	2-04	300	0.2	34
THENCE TO TRINITY INDUSTRIES	16	22	20	14	2-04	200	0.6	30
SABINE RIVER:								
MOUTH TO ORANGE MUNICIPAL SLIP	27	31	31	26	2-04	200	6.6	30
ORANGE TURNING BASIN	31	32	32	31	2-04	200 - 1400	0.6	30
ORANGE MUNICIPAL SLIP	23	30	25	23	2-04	150-200	0.5	30
ORANGE MUNICIPAL SLIP TO OLD HIGHWAY BRIDGE SITE	31	31	31	29	2-04	200	2.2	30
CHANNEL AROUND ORANGE HARBOR ISLAND	13	17	19	18	4-04	150-200	1.6	25
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION								

Chart 18584

NM 27/04

UMPOUA RIVER CHANNEL DEPTHS							
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF APR 2004 AND SURVEYS TO MAR 2004							
CONTROLLING DEPTHS FROM SEAWARD IN FEET AT MEAN LOWER LOW WATER (MLLW)					PROJECT DIMENSIONS		
NAME OF CHANNEL	LEFT OUTSIDE QUARTER	MIDDLE HALF OF CHANNEL	RIGHT OUTSIDE QUARTER	DATE OF SURVEY	WIDTH (FEET)	LENGTH (NAUT. MILES)	DEPTH MLLW (FEET)
ENTRANCE CHANNEL TO LT. 21	16	17	18	9-02; 9, 10-03; 3-04	200	7.0	26-22
LT. 21 TO REEDSPORT	17	19	17	5-02; 9, 10-02	200	2.7	22
REEDSPORT TURNING BASIN	25	24	24	5-02; 10-02	600	0.2	22
LT. 21 TO GARDINER	12	13	11	10-01	200	1.15	22
GARDINER TURNING BASIN	5	2	2	10-01	500	0.2	22
NOTE - CONSULT THE CORPS OF ENGINEERS FOR CHANGES SUBSEQUENT TO THE ABOVE INFORMATION							

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
12	1	27/04									
13	1	27/04									
20	3	18/03									
21	4	4/04									
22	1	18/03;4/04									
50	6	32*,34,40,50/03									
53	2	34,50/03									
70	4	34/03									
71	4	34/03									
73	4	34/03									
103	5	16/03;9/04									
108	9	34,39/03;19,21/04									
120	6	39/03									
124	10	18,34,39/03;27/04									
125	7	21/03									
126	39	21/03									
145	16	39/03;27/04									
200	3	37/03									
204	4	4/04									
211	5	4/04									
301	1	21,24/03									
310	20	21,24,52/03;6/04									
400	3	29,33,34/03;6,19,25,27/04									
401	5	29,33,34,44/03;6,19,21,25,27/04									
402	4	27/04									
411	49	19*,22,23,24,25,26,29,30,31,33,44,52/03;1,5,6,16,19,21,25/04									
500	8	32*,34,41/03									
501	12	18,21,22,24,40,41/03;4,6,11,19/04									
502	2	40,44/03;11/04									
503	4	1,27/04									
504	4	23,26/04									
510	3	40/03;17/04									
511	4	17/04									
512	2	11,20/04									
513	6	34,50/03;18/04									
514	7	16/04*									
520	127	34,40,41/03;4,11,26,27/04									
521	11	34,50/03;11,20/04									
523	8	34,50/03;11,20,26/04									
524	12	34/03									
525	3	40/03									
526	10	26/04									
530	30	18,21,22,24,34,40,41,44,50/03;4,7,11,19,21,23,26,27/04									
531	22	21/04*									
532	17	34,50/03;11,15,20/04									
540	17	16*,23,26/04									
541	2	26/04									
600	5	45/03									
601	4	27,38/03									
602	6	38/03									
604	5	38/03;22/04									
606	1	17/03									
607	1	17,45/03									
623	9	19,36/03									
624	3	7/04									
703	4	44/03									
706	4	44/03									
707	2	34,44/03									
708	3	34,36/03									
709	2	19,25/03									
800	4	15,20/04									
803	1	15/04									
1113A		20*,21,22,25,52/03;16/04									
1114A		16/04									
1115A		19,23,24,25,26,27,29,30,34,35,37,38,49,50,51,52/03;1,2,3,5,7,11,13,14,15,20,22,25/04									
1116A		37*,38,45,46,49,50,51,52/03;1,2,3,4,5,6,7,10,13,14,15,16,17,19,20,23,25,26/04									
1117A		28*,30,31,32,34,35,36,44,45,50,51/03;5,6,7,10,15,18,20,23,25/04									
5161	13	48/03*									
11004	7	18,21,22,23,24,25,26,27,29,30,32,34,36,37,38,44,51/03;1,3,4,5,6,10,13,14,15,16,18,23,25/04									
11006	31	47*,49,50/03;3,5,6,13,16,20/04									
11009	36	19,39,52/03;5,21/04									
11013	45	38*,40,50,52/03;16,19/04									
11300	39	28*,30,31,32,34,35,36,44,45,50,51/03;5,6,7,10,15,18,20,23,25/04									
11301	23	16,24,32/03;1,7,17,25,27/04									
11302	30	48/03*;1,7,17,27/04									
11304	12	5/04									
11305	1	N32/03;N1,N13,N23,N26/04									
11307	36	22,24,27,35,52/03;1/04									
11308	22	23,25,32/03;13,23/04									
11309	37	48*,50/03;1,13,23/04									
11310	1	N22,N23,N32/03;N1,N12/04									
11311	23	26/03;1,12/04									
11312	3	22,23,32/03;1,13,25,26/04									
11313	22	22,27,36,52/03;4,14,20,25/04									
11314	23	15/04*									
11315	31	48/03*									
11316	39	17*,22,26,29,34/03;1,15,27/04									
11317	30	12*,19,27/04									
11318	1	N24,N25,N44,N50/03;N1,N13,N23/04									
11319	31	17*,19,20,25,26,29,30,34/03									
11320	1	N22,N23,N24,N52/03									
11321	29	23,31,34/03;7,10,13,14,18,20/04									
11322	28	19*,20,23,30,34,35,42,47/03;1,7,14,17,27/04									
11323	60	47*,49,51/03;1,3,5,6,9,15,17,19,20,25,26/04									
11324	33	47*,49,52/03;1,14,17,19,20,26,27/04									
11325	35	26*,38,42,47/03;1,14,17,27/04									
11326	32	15*,16,17,19,20,23,26/04									
11327	31	46*,52/03;1,14,16,17,19,27/04									
11328	23	43*,52/03;1,2,4,6,7,14,17,23,27/04									
11329	35	48*,49,52/03;2,6,7,14,17,23,27/04									
11330	15	50*,51/03;1,2,4,5,6,7,10,13,14,15,17,20,23,25,26/04									
11331	19	12*,14,25/04									
11332	29	24*,25,26,27/04									
11333	1	N35/03									
11340	68	37*,38,45,46,49,50,51,52/03;1,2,3,4,5,6,7,10,13,14,15,16,17,19,20,23,25,26/04									
11341	40	18*,25,26,27/04									
11342	52	27*,29,31,34,35,42,46,47/03;1,6,13,14,17,27/04									
11343	37	48*,49,50/03;4,17,27/04									
11344	35	19,22,23,26,27,29,31,34,38,43,46,47/03;4,5,9,14,16,17,24/04									
11345	31	38/03;4/04									
11347	33	19,20,21,23,25,26,27,29,31,32,43,47,48,50,51/03;4,9,24,25/04									
11348	20	43*,47,51/03;4,24,25/04									
11349	41	22*,23,25/04									
11350	25	43/03*									
11351	38	20*,22,23,25,27,30,31,34,48,50,51,52/03;1,3,5,10,12,13,14,15,25,26/04									
11352	37	13*,14,15,20,25/04									
11353	3	9*,13,14,19,26/04									
11354	24	26*,31,34,48,51/03;1,10,12,14,15/04									
11355	26	23/04*									
11356	35	38*,51,52/03;3,4,6,13,14,19,25,26/04									
11357	36	38*,52/03;2,3,5,12,14,15,17,20,23,26/04									
11358	52	41*,49,50,51/03;2,3,5,6,7,14,19,23,25/04									
11359	11	49,50/03;19/04									
11360	40	19,23,24,25,26,27,29,30,34,35,37,38,49,50,51,52/03;1,2,3,5,7,11,13,14,15,20,22,25/04									
11361	71	11*,12,13,17,19,23,24,25,27/04									
11362	4	N19,N23,N24,N25,N26,N27,N29,N30,N34,N35,N37,N38,N49,N50,N51,N52/03;N1,N2,N3,N5,N7,N11,N13,N14,N15,N20,N22,N25/04									
11363	39	47*,50,51/03;1,4,5,6,12,13,14,17,20,23,25,26/04									
11364	39	18,19,21,23,25,26,27,30,33,34,35,43,50,51/03;1,4,6,13,14,21,25,26/04									
11365	17	32,34,50/03;3,6,7,14,15,20,23,25/04									
11366	8	52/03*;1,3,5,7,11,12,13,14,15,19,23,25/04									
11367	32	38*,45,46,51/03;14,25/04									
11368	22	19,21,23,30,33,34,35,45,46,51,52/03;14/04									
11369	44	18,19,21,27,43,50/03;1,6,13/04									
11370	24	38/03*;4,13,18/04									
11371	36	35*,48/03;4,6,12/04									
11372	31	23*,25/04									
11373	43	48*,49/03;1,3,4,5,7,14,17,20,22,24/04									
11374	32	2*,7,14,17,20,22,24,25/04									
11375	35	20,23,24,27,29,47,51/03;1,7,14,17,20,22,24,25/04									
11376	49	48*,49/03;5,7,11,16,17,19,20,23/04									
11377	5	38*,44/03;7,14,17,20,23/04									
11378	33	16*,20,23,24/04									
11382	40	18*,24/04									
11383	50	52/03*;13,24/04									

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04

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12206	30	50/03*;2,15,19,27/04	12363	39	23,27,32,36/03	13307	10	23,28,44/03;8/04	14211		N40/03*
12207	21	18/04*	12364	34	20*,23,25,27,32,36,39/03	13308	12	22/04*	14212		N38/03*;N11,N15/04
12208	9	23*,28,41,50/03;9,11/04	12365	26	23/03	13309	28	32,52/03;15/04	14213		N39/03*;N5/04
12210	36	33/03	12366	27	20,27/03	13313	19	36/03	14214		N39/03*
12214	44	19,52/03;2/04	12368	26	24,25/03	13316	22	28/03*	14215		N39/03*
12216	27	19/03	12369	25	32,35,36,43/03	13318	18	21/03	14216		N39*,N44/03;N5,N15/04
12221	75	48*,50/03;2,9,11,19/04	12371	23	27*,52/03;19,25/04	13321	9	20/03*	14217		N43/03*
12222	45	6*,7,9,10,11,12,13,15,27/04	12372	32	8*,17,20,23,25/04	13324	14	5/04*	14218		N39/03*;N6/04
12224	23	33,45/03;9/04	12373	14	17/04	13325	14	29/03;7/04	14219		N40/03*;N6,N19/04
12225	54	22*,33/03;9/04	12378	14	23/03	13326	13	25/04*	14220		N39/03*
12228	30	16/04*	12401	7	33,41/03;22/04	13394	3	21,42/03	14222	16	40/03**
12230	61	3*,20,26/04	12402	8	34,41/03	13396	4	19,21/03	14223	18	38/03**
12231	26	30/03	13000		N21,N26,N29/03	14000		N23/04*	14224		N39/03*
12233	36	16/04*	13003	47	36*,39,44,45,48,52/03;6,16,17/04	14001		N23/04*	14225	17	39/03**
12235	30	22/04*	13006	31	36*,39,44,45,48/03;6,16/04	14002	57	23/04**	14226	32	39/03**
12237	27	48/03*	13009	30	18,23,36,39,44,45,48/03;6,16/04	14003	6	29,39,48/03;6,16/04	14227	28	39/03**
12238	38	6*,19/04	13200	33	18,36,39,44,45,48/03;6/04	14004		N23/04*	14228	11	39/03**
12241	21	34/03;2/04	13201	10	N18,N36,N39,N44,N45,N48/03;N6/04	14005	78	23/04**	14229		N39/03*;N5/04
12243	13	12,20/04	13202	12	48/03	14006		N23/04*	14240	6	43/03**
12244	13	20/04	13204	12	44/03;6/04	14007		N38/03*;N14/04	14241	23	39/03**
12245	63	26/04*	13205	36	23/03;2,17,25/04	14008	76	38/03**	14242	13	40/03**
12248	40	44/03*;4,15/04	13209	23	23/03;2,17,25/04	14010	5	26,32/03;14/04	14243	8	39/03**
12251	23	15,26/03;12,27/04	13211	13	45/03	14011		N23/04*	14244	5	39/03**
12252	24	25/04*	13212	36	18*,25/04	14014	82	1/04	14245	4	39/03**
12253	43	35/03*;2,10,13,15,19,27/04	13213	41	18*,20,23/04	14024	5	22,36,47/03	14246	6	39/03**
12254	44	16/04*	13214	27	2,17/04	14040	65	34,49/03	14247		N39/03*;N5,N6/04
12255	15	30,34/03	13215	17	6/04	14041	12	34,36,42/03	14248		N40/03*
12256	14	48/03*;2,12/04	13216	1	N2/04	14042	3	34,42/03	14249		N39/03*;N5/04
12261	28	18,22,48/03;20/04	13217	14	6/04	14043	7	21,26,49/03	14250		N40/03*
12263	53	11*,14/04	13218	38	46,50,52/03;19,20,22,23,24/04	14044	44	47,49/03;1/04	14251		N40/03*
12264	28	42,44,48,52/03;26/04	13219	12	26/04	14046	2	47,49/03;9/04	14252		N40/03*;N14/04
12266	28	8/04*	13221	54	15*,19,20,23,26/04	14062	17	32,36/03;1,5,9/04	14253		N40/03*;N9/04
12270	33	15/04*	13222	37	16*,20,23/04	14066	19	34,42,47/03;5/04	14254		N40/03*
12272	29	16,30,33,38/03;7/04	13223	37	22*,26/04	14067	11	14/04	14259	3	40/03**
12273	54	47/03*;7,20/04	13224	37	22*,26/04	14081	21	36,47/03;2/04	14260	47	39/03**
12274	33	15,17,30,33/03;20/04	13225	33	15,19/04	14085	6	49/03;15/04	14263	15	40/03**
12277	32	35*,51/03;20,26/04	13226	6	17*,19/04	14088	10	34/03;5/04	14264	4	40/03**
12278	73	8/04*	13227	13	49/03;19/04	14089	29	34/03	14280	37	40/03**
12280	4	52/03*;2,7,9/04	13228	11	22,23/04	14105	19	47/03	14310	2	40/03**
12281	49	19,25,38,44,48,49/03;1,16,20/04	13229	28	12*,13,19,22,23,24/04	14110	42	32,44/03;1/04	14319		N19/04*
12282	34	43/03*	13230	47	15*,19,22,23,24/04	14111	7	32,34,42,44/03	14325	13	6/04
12283	24	18,25/03	13231	4	19,23/04	14112	5	32,42,44/03;1/04	14328	6	47/03;9/04
12284	15	42,48/03;26/04	13232	6	23/04*	14115	2	47/03	14329	5	32,47,49/03;1/04
12285	36	19/04*	13233	16	39/03;4,22,23/04	14128	6	4/04	14340	25	22,30,49/03;1,9,15/04
12286	29	42,52/03	13234	29	19,50/03;1/04	14135	2	14/04	14341	5	34,47,49/03
12288	19	9/04	13235	39	27*,39/03;13,23/04	14136	2	1/04	14342	20	30,49/03;9/04
12289	48	19,22/03;13/04	13241	15	23/04	14141	17	47/03	14344	2	49/03
12300	43	19*,39,44,48,49/03;6,17,20/04	13242	17	23/04	14143		N38/03*;N4,N15/04	14345	5	22,49/03
12301	21	N17,N39,N44,N48,N49/03;N6,N20/04	13243	39	32/03	14144	29	38/03**	14349	7	42,47/03;5,6/04
12304	43	21*,26,48,52/03;2,5,9,22,26/04	13244	39	32/03	14145	2	47/03;15/04	14353	3	42/03
12311	42	38*,48,51/03;1,10,16,22,27/04	13246	37	36*,42/03	14146	2	32,49/03;6/04	14354	2	32,42,50/03
12312	52	15,24,32,51/03;1,10,16,22/04	13247	12	22/03*	14151	2	32,34,38/03;1,4/04	14355	3	50/03
12313	49	35*,43,52/03;8,15,22/04	13260	39	36*,39,42,45/03;16/04	14156	2	14/04	14357		N49/03;N4,N15/04
12314	30	25,33,35/03;19,22/04	13263	7	N18,NP21,N23,N26,N29,N36,N39,N42,N45/03	14167		N6,N14/04	14358		N34,N47/03;N1,N5,N15/04
12316	30	12*,19/04	13264	103	P21,26,29,39,42,49/03;5/04	14168		N37/03	14360	36	47/03;4,5,6,15/04
12317	31	19/04	13267	31	47/03*;9,23/04	14169	2	32,38,42,49/03	14364	6	4/04
12318	41	32,44/03;6,22/04	13269	9	7,9/04	14173	2	38/03	14373	2	34,49/03;1,4/04
12323	23	6/04	13270	60	50/03*;9,15/04	14174		N42/03*;N14/04	14378	19	49/03;6/04
12324	31	15*,19/04	13272	48	18*,20,23/04	14175		N43/03*;N9/04	14386	3	6/04
12326	49	35*,49/03	13274	25	43/03*;6,15,23/04	14176		N38/03*	14404	4	47/03
12327	97	48*,49/03;17,20,22,24,27/04	13275	28	45/03*;15/04	14177		N40/03*	14415	4	36/03
12331	30	18,33/03;22/04	13276	22	36/03*	14178		N40/03*;N5,N6/04	14420	27	40/03**
12332	21	18/03;22/04	13278	25	32,39/03;23/04	14180	38	42/03**	14756		N50/03;N11/04
12333	33	44*,49/03;17,24/04	13279	30	20*,32,39/03;17,23/04	14181	3	43/03**	14757		N15/04
12334	67	25/04*	13281	11	21*,39/03	14182	15	38/03**	14758		N32,N49/03
12335	40	47/03*	13282	18	4,6/04	14184		N32,N44,N47,N49/03	14769		N13/04**
12337	22	18/03;22/04	13283	10	20/03;4/04	14185	2	40/03**	14773	16	26/03
12338	9	21/03*;19/04	13285	30	22/04*	14186	2	40/03**	14774	16	15/03
12339	44	50/03*;23/04	13286	30	22/04*	14187	2	38/03**	14782	24	47/03
12341	26	36/03*	13287	11	20/04	14188	1	42/03	14784	19	47/03
12343	18	21,27/03	13288	40	29,42,44,45/03;20,23/04	14189	2	36,42,44/03;4,6,15/04	14785	17	18/04*
12345	10	21/03	13290	35	39*,42,44,49/03;20,23/04	14191		N38/03*	14786	13	49/03;19/04
12347	29	27,29,33/03;24,26/04	13292	36	16,29,42,44,49/03;20,23/04	14192		N38/03*;N9/04	14791	18	22/04*
12348	33	27,29,34/03;26/04	13293	33	27/03	14193		N38/03*;N15/04	14800	9	20/04
12350	58	17/04*	13296	25	27/03	14195		N42/03*;N15/04	14802	30	20/04
12352	30	46/03*;26/04	13301	20	23,42,45/03	14196		N38/03*;N15/04	14803	26	49/03
12353	18	8*,26/04	13302	21	32,42,45,52/03;8/04	14197		N38/03*;N15/04	14805	24	21/04*
12354	41	26/04*	13305	28	36,44/03;8/04	14198		N43/03*	14811	16	20/04
						14200	2	38/03**	14812	21	49/03;19/04
						14201	15	38/03**	14815	22	43/03
						14202	12	42/03**	14816	24	17/04*
						14203	21	38/03**	14820	20	15*,24/04
						14205	7	38/03**	14824	26	5*,19/04
						14206	20	43/03**	14826	27	49/03;8,20/04
						14208	28	38/03**	14829	6	15/04*
						14209		N38/03*;N15/04	14830	30	31*,34,47/03;15,20/04

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
14832	34	49,51/03;24,26/04	15061	3	50/03	16553	4	22/04*	17376	6	16/04
14833	26	18*,19,24/04	15064	1	50/03	16561	1	29,35,44/03;25/04	17377	1	16/04
14835	31	7/04	15066	5	32,47/03	16566	10	29,44,49/03	17378	14	17/04*
14836	27	10/04	15067	2	47,49/03	16575	1	1/04	17379	1	16/04
14837	27	5/04	15069	4	47/03	16576	4	47/03*	17381	10	16/04
14839	36	43,49,51/03;5,8/04	15070	3	49/03	16580	12	9*,18/04	17382	15	20*,36/03;13,16/04
14841	28	14/04*	15074	1	6/04	16590	10	1/04	17383	1	16/04
14842	13	46*,51/03;10,26/04	15080	1	47/03	16591	9	16/04*	17384	8	15/04*
14843	23	18/04*	15083	6	14/04	16592	9	16/03;1,18/04	17385	14	13,16,18/04
14844	32	18*,26/04	15160	5	50/03	16593	11	1/04	17386	3	16,18/04
14845	27	14*,26/04	15163	2	50/03	16594	13	1/04	17387	13	16/04
14846	12	16/04*	15300		N10/04	16595	14	1/04	17400	16	44/03;14,16/04
14847	30	43,47/03	15313	1	15/03	16596	12	1/04	17401	11	18/04*
14848	56	17,21,22/03;15,20/04	15444		N19/04*	16597	8	1/04	17402	10	16/04
14850	52	2*,24/04	15562		N16/03	16598	9	1/04	17403	13	16/04
14852	45	19*,21/03;2,10,15,21,24,26/04	15563		N20/04*	16599	6	1/04	17404	12	16/04
14853	14	26/03*;10,15,21,24,26/04	15569		N23/03	16601	10	1/04	17405	14	25,46/03;16,18,26/04
14854	13	17/03;15/04	15570		N23/03	16603	8	48/03*	17406	7	17*,26/04
14860	35	26/04	15690		N35/03	16604	11	1/04	17407	15	10/04*
14862	28	26/04	15946		N47/03	16605	8	1/04	17408	7	16/04
14864	26	1,8/04	16003	16	36,48/03	16606	11	21/03;1/04	17409	10	44/03;16/04
14865	16	26/04	16004	11	17,48/03	16608	4	46/03*	17412	2	49/03
14867	26	39/03*;25/04	16005	9	36,48/03	16640	24	21/03;1,17/04	17413	2	44/03
14869	26	8/04	16006	33	32,35,36/03;1,15,21,27/04	16645	18	1/04	17420	26	20,36/03;13/04
14871	2	34/03	16011	35	29,31,32,35,44,50/03;1,27/04	16646	12	1,25/04	17422	8	13/04
14880	31	15/04*	16012	21	34,50/03	16647	3	1/04	17423	13	13/04
14881	31	8/04	16013	29	10/04*	16648	4	1/04	17424	7	22/04*
14883	43	15*,19/04	16016	20	9/04*	16660	29	17/04*	17426	13	16,20/03;19/04
14886	11	41/03*	16041	8	48/03	16661	6	17/04	17427	7	21,36/03
14901	14	7,10,26/04	16061	8	17/03	16663	7	17/04*	17428	7	36,43/03;13/04
14902	28	8,10,26/04	16067	7	1/04	16665	8	15/04*	17429	2	N13/04
14903	23	31/03*;2,7/04	16081	6	1/04	16680	10	32,37/03;15/04	17430	10	36/03;13/04
14904	26	40/03*;1,26/04	16082	7	25/04*	16682	16	17/04*	17431	11	21/04*
14905	30	45/03*;7/04	16083	6	9/04*	16683	10	17/04*	17432	7	23/04*
14907	25	10/04	16085	6	15/04*	16700	28	40*,43,50/03;11,12,14/04	17434	11	36,43/03;13/04
14908	18	22/04*	16086	7	18/04*	16701	19	37/03*;12/04	17435	16	40,49/03;13/04
14909	19	49/03;10/04	16087	7	5/04*	16702	11	37/03*;12/04	17436	6	20/03;19/04
14910	23	17/03*;24/04	16102	5	9/04*	16703	13	12/04	17437	8	21/03
14911	20	10/04	16124	6	3/04*	16705	19	16,43/03;12/04	17438	12	15,21,36/03;22/04
14912	17	31/03*	16200	13	36/03	16706	10	12/04	17441	7	15/03;22/04
14913	18	31/03*;8,10,15,20/04	16204	6	22/04*	16707	10	16,20/03;5,12,17,26/04	17442	2	36/03;22/04
14915	25	28/03*	16206	7	46/03;5/04	16708	25	16,20,50/03;12/04	17460		N19/04*
14916	10	17/03;1,19,26/04	16220	5	36/03;15/04	16709	22	11,12,26/04	17464	4	12/04
14918	27	17/03;1,19,22*,24,26/04	16240	10	15/04*	16710	16	10,12,14/04	17470		N23,N41/03
14919	27	1,7/04	16300	9	25/04*	16711	2	12/04	17471		N47/03*
14922	19	5/04	16305	10	25/04*	16712	1	16/03;12/04	17472	4	36,41/03
14924	27	49/03;2/04	16315	10	1/04	16713	2	12/04	17480	4	36/03
14926	10	32*,47/03;7,8,10,20,24/04	16322	8	22/04*	16723	15	6,12/04	17482		N41/03
14927	24	47/03;7,8/04	16323	9	3/04*	16741	10	16/04*	17483		N41/03
14928	21	7,10,20/04	16338	4	17/04*	16760	10	28/03;12/04	17484	3	41/03
14929	24	7/04	16343	7	1/04	16761	16	28/03	17485	4	41/03
14930	25	15/04*	16347	12	10/04	16762	9	12,14/04	17513		N15/03;N9,N12/04
14932	23	26/03*;1,5,19/04	16381	8	25/03	17003	4	24,35,36/03;6/04	17515	7	15,16,36,43/03;12/04
14933	24	1/04	16382	10	6/04	17005	10	24,34,35,43/03;3,6/04	17517	8	15,16,34/03
14934	27	17*,26/03;1/04	16420	10	46/03*	17008	12	36/03	17518	7	16,18,20,41,47/03;10,17/04
14935	21	1,10/04	16423	2	47/03	17300	30	21,39/03			
14937	24	17/03;10/04	16431	7	50/03*	17302	18	49/03	17519	13	16/03
14938	23	1,7/04	16432	11	3/04*	17303	10	24/04*	17520	2	N16,N34/03
14942	25	1/04	16433	8	14/04*	17315	23	16,21,25/03	17521		N15/03
14961	12	3*,26/04	16435	6	24/04*	17316	20	25/03;25/04	17522		N15/03
14962	20	16/04*	16442	7	41/03*	17317	20	18/04*	17523		N19/04*
14964	21	18/04*	16463	7	3/04*	17318	5	39/03	17524		N15,N49/03
14965	21	2/04	16474	8	18/04*	17320	16	14/04*	17525		N15,N43/03
14966	26	15/04*	16477	7	18/04*	17323	10	22,29,39/03;5,25/04	17526		N19/04*
14967	22	26/04	16478	10	5/04*	17324	13	39/03;5/04	17528		N19/04*
14970	25	1/04	16480	10	34,50/03	17325	7	29/03	17543	17	43/03;14/04
14972	25	1,26/04	16484	7	14/04*	17327	21	46/03*;26/04	17545	13	43/03;12,14/04
14973	27	15/03*	16486	7	24/04*	17328	7	10/04*	17546	22	24,34,35,43/03;14/04
14974	24	5/04	16487	6	20/04*	17330	8	10*,14/04	17548	28	16,43/03
14975	33	43,49/03;10,24/04	16490	8	6/04*	17331	7	14/04	17549	6	15/03;3/04
14982	9	16/04*	16500	9	33/03	17333	8	3*,14/04	17550	4	43/03;3,6/04
14983	9	46/03*	16501	7	16/04*	17335	6	14/04	18000	8	21,36,44/03;11,21,22/04
14985	9	41/03*	16511	7	17/04*	17336	8	14,17/04	18002	6	N21,N36,N44/03;N11,N21,N22/04
14986	9	46/03*	16514	4	14/04*	17337	8	14/04			
14987	9	3/04*	16516	7	24/04*	17338	13	14/04	18003	19	22*,41,43/03;3,6,22/04
14988	10	41/03*	16517	6	16/04*	17339	11	14/04	18005	4	N21,N26,N40/03;N4,N10,N21/04
14990	4	6/04*	16520	22	25/04*	17341	8	14/04			
14991	10	8/04*	16522	6	16/04*	17360	33	31*,36/03;13,14/04	18006	3	N21/04
14993	12	16/04*	16528	16	33/03;6/04	17362	10	14/04	18007	31	18,22,24,26,35,41/03;4,5,6,7,16,22,24,27/04
14994	11	21/04*	16529	15	24/04*	17363	13	14/04			
15017	4	10/04	16530	6	33/03;6/04	17365	12	14/04	18008	7	N18,N22,N24,N26,N35,N37,N41/03;N4,N5,N6,N7,N16,N22,N24,N27/04
15043	3	34,47/03	16535	12	21,31/03	17367	11	14/04			
15044	3	34,47/03;1/04	16540	11	27/04	17368	6	14/04			
15046	4	47/03;14/04	16547	9	18/04*	17370	10	3/04*			
			16549	15	41/03*	17372	11	48/03*	18009	2	N26,N40/03;N10/04
						17375	21	25/04*			

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18010	20	26,33,40,47/03;4,5,7,16,24,27/04	18561	12	12*,22/04	19008	4	16,23,29,46/03;10,12,16,19,23,26/04	22102	19	17/03;25/04
18020	37	47/03*;1,4,7,11,19,21,22,24,25,26/04	18580	21	51/03;17/04	19009	4	16,23,29,46/03;10,12,16,19,23,26/04	22103	2	25/04
18022	34	3*,4,7,11,13,19,21,22,23,24,25,26/04	18581	17	36,50,51/03;14/04	19010	18	18*,19,22,23,24,26/04	22109	3	17/03
18400	44	41*,43,47,49/03;3,8,10,17,27/04	18583	38	43/03	19013	17	18*,22,23,24,26/04	22111	4	17/03
18401	12	34/03	18584	47	30,48,52/03;1,13,27/04	19016	10	3*,19/04	22112	3	17,37/03;5,10,25/04
18403	21	20/03	18587	68	21,27,36,52/03;1,8,14,19,20,23/04	19019	9	28/03*	22113	8	17/03;5,10,25/04
18405	12	16/03	18588	37	22*,36/03;22,26/04	19320	16	16,23/03;6,8,12,22/04	22114	5	17,33,37/03;5/04
18406	5	16/03	18589	15	44/03;22/04	19322	8	14/04*	22117	3	37/03;5/04
18409	8	41/03	18600	14	44,47/03;5,16/04	19324	22	23/03;13/04	22120	3	29,32/03;7/04
18411		N16,N20/03	18601	13	1/04	19327	10	23,43/03	22121	9	29,32,47,51/03;18/04
18412	10	20/03	18602	12	26*,47/03;1,14/04	19329	8	10/04*	22124	2	29,32/03
18413	15	20,22/03	18620	23	4,7,24,27/04	19330	10	14/04*	22130	2	17,29,32,38/03;2,7/04
18414	9	20/03;3/04	18622	52	21,25,27,35/03	19331	7	23,43/03	22138	3	11/04*
18415	8	22,32,39,47,50/03;3,9,10,22/04	18623	11	4,7/04	19339	1	N30,N47/03;N8,N10,N23,N24,N26/04	22140	2	25,47/03;7/04
18416	6	22,46/03;17/04	18640	24	26,38,42/03;4/04	19340	26	29,30,36,47/03;8,10,13,23,24,26/04	22142	2	25,40,47/03;7/04
18418	6	15/03	18643	17	26*,33,41,43/03;19/04	19342	10	15*,19/04	22143	4	26*,29/03;11,25/04
18419	11	46/03;1,9/04	18645	24	33,38/03;5/04	19347	17	29/03;23/04	22145	2	N25/03
18420	1	22,47,49,50/03	18649	63	48*,50/03;2,5,11,16,19,20,21,25/04	19348	8	15/04*	22160	2	25/03;7/04
18421	46	50/03*;8,9,17,22,27/04	18650	52	47/03*;11,19,20,21/04	19351	9	23/04	22170	3	32/03
18423	34	12*,13,17,22,27/04	18651	42	15*,48/03;16/04	19352	12	27/03;6/04	22181	17	10*,17/04
18424	25	45/03	18652	32	36*,40,43,46,48,49/03;5,11,16,19,20,25,26/04	19353	12	27/03;6/04	22182	7	10*,11/04
18427	22	18/04*	18653	9	21,43,50/03;16,20,25/04	19357	22	30,36,47,50/03;10,13/04	22183	4	52/03*;21/04
18429	9	22/03;27/04	18654	43	22/04*	19359	11	8/04*	22190	2	29/03
18430	8	5*,17,27/04	18655	58	16/03	19361	8	5/04*	22205	2	18/03
18431	6	1,22/04	18656	53	19*,21,33,40,43,48/03;11,26/04	19362	12	10,13,14/04	22221	20	31,34/03;1/04
18432	5	22/04	18657	18	21,40/03;26/04	19366	36	50/03;10,13,14/04	22222	1	31/03;1/04
18433	5	22,32,36/03;9,17,22/04	18658	30	17*,26/04	19367	37	50/03	22225	2	18,40/03
18434	5	2*,13,17/04	18659	14	16,21,43,48/03	19369	5	36,50/03;10,14/04	22233	29	18,25,37/03
18440	27	3*,8,21,22/04	18660	2	29*,43,49/03;21,26/04	19379	1	N30,N46/03;N12,N13,N16,N22/04	22234	1	1/04
18441	43	39*,45,47,51/03;6,8,17,22/04	18661	27	15*,16,43,49/03;13,17,21,26/04	19380	15	8*,12,16,22/04	22250	2	18/03;4/04
18443	16	16/04*	18662	20	43,44/03	19381	8	26/03;7,12,16,22/04	22251	11	28/03
18444	15	34/03;1/04	18663	5	43/03;17/04	19382	15	26/03	22252	18	2,21/04
18445	30	13*,21,22/04	18666	1	21,33,48/03	19383	17	23/04	22259	4	20,24/03;2/04
18446	16	47*,51/03;8,22/04	18680	30	33,35,38,40/03;19/04	19385	8	3*,16/04	22262	3	13/04
18447	26	18,47/03;22/04	18682	14	10/04*	19387	9	N46/03;N12,N23/04	22263	1	26,37/03;4/04
18448	33	1*,8,13,17,21,22/04	18685	32	36*,46/03;17,19,22/04	19388	2	N46/03	22264	2	18,20,24,26,37,41/03
18449	18	50*,51/03;6,22/04	18700	22	40/03*;13,21/04	19441	7	28/03*	22275	3	18,26/03;2/04
18450	18	18*,22/04	18703	25	40/03*;7,13/04	19442	5	26/03	22281	9	18/03;4,13/04
18452	16	34,38/03	18720	31	25/03;11,21,23,24,25/04	19482	7	6/04	22282	17	4,14/04
18453	24	25,36,38,42/03;6,22/04	18721	11	39/03;21/04	21005	9	6/04	22283	3	N14/04**
18455	2	N15,N34,N38/03	18724	1	22*,25/03;15,23/04	21008	62	36/03	22284	7	N5/04**
18456	19	21/04	18725	27	32/03*;19,21,23,24,25/04	21033	46	16/03;1/04	22285	1	14/04*
18458	15	19*,28,34,38/03;13/04	18740	40	46*,49/03;1,5,7,14,19,22,23,24,25,26/04	21036	7	16/03;1/04	22286	1	5*,13/04
18459	5	N15,N28,N34,N38/03;N13/04	18741	18	N27,N38/03;N1,N7,N14,N19,N22,N25,N26/04	21125	13	36/03	22290	4	18,30/03
18464	23	24*,30/03	18744	30	35/03;24/04	21140	1	27,36/03;7,19,22/04	22292	15	18,26,37,38/03;21/04
18465	36	18*,27/04	18746	35	11*,19,25/04	21160	1	15/04	22294	15	16,21/04
18471	9	36/03*;8/04	18749	38	16,21,26,28,31,39,41,49,50/03;5,7,22/04	21180	1	15/04	22305	2	18,24,30,34/03;27/04
18473	7	18,19,34,38,45,47,51/03;6,8,22/04	18751	42	16,21,26,28,31,39,46,49,50/03;5,7,19,22/04	21384	4	11/04*	22311	19	13/04
18474	8	5*,8,22/04	18754	17	39*,43/03;23/04	21441	27	15/04	22312	2	30/03;9/04
18475	1	35/03	18756	8	14/04*	21478	3	16/03	22313	2	18,38,40/03;13/04
18476	5	18/04*	18757	10	41/03;5/04	21482	1	36,46/03	22314	1	40/03
18477	5	6,22/04	18758	6	16,33,49/03;4,11,13,23/04	21510	1	16/03	22322	11	33/03**
18480	29	43/03;3,6/04	18760	6	N25,N35,N36,N44/03;N1,N7,N11,N19,N21,N22,N24,N25,N26/04	21520	1	29/03	22331	2	N19,N24/03;N1,N2,N7/04
18484	11	18/04*	18761	2	N1,N16/04	21521	14	29/03	22335	4	19,52/03;27/04
18485	15	29/03;17/04	18762	15	1,16/04	21525	19	38/03	22341	9	21,29,52/03;2,27/04
18500	29	22/04*	18763	10	18*,23/04	21543	13	9/04	22342	9	21,29/03
18502	84	21,28,29,42,47,52/03;21,24,26,27/04	18765	15	27,46/03;7,14,16,19,20,22,26/04	21544	20	24/04	22343	1	N21,N41,N52/03;N2,N27/04
18504	65	19*,35/03;3,21,27/04	18766	7	27,36/03;7,19,22,26/04	21546	3	24/04	22344	6	N23*,N52/03
18520	24	22/03;14,22/04	18768	4	N27,N36,N38/03;N7,N19,N22,N26/04	21580	40	52/03	22345	11	24/03
18521	70	5*,13,14,19,20/04	18772	47	21*,48/03;23/04	21581	5	41/03	22347	6	N23/03*
18523	54	5*,8,13,19,20,27/04	18773	39	40*,41/03;4,14,23/04	21582	3	16/04	22351	1	N35,N41,N52/03;N2,N27/04
18524	33	24,29,47,52/03;8,13,19,20,22,26/04	18774	10	16,49/03;4,11,13,14,19,23,25,26/04	21584	2	41/03	22352	6	19,24,35,52/03;1,2,27/04
18525	34	25/04*	18775	2	N1,N16/04	21601	4	31/03	22360	2	19,52/03;2,27/04
18526	56	15*,17,19,20/04	18777	10	16,49/03;4,11,13,14,19,23,25,26/04	21603	9	31,36/03;11/04	22361	2	N30,N32,N33,N34,N52/03;N2,N27/04
18527	21	48/03	18779	2	N1/04	21604	25	4/04	22370	2	15,19,26,30,33,34/03;2/04
18528	10	18/03	18782	47	21*,48/03;23/04	21605	7	31/03	22371	5	30,32,33,52/03;2,4,27/04
18531	21	15*,19,20,22/04	18783	39	40*,41/03;4,14,23/04	22004	38	16,29/03;2,7/04	22373	1	N24,N30,N32,N33,N34/03;N3,N27/04
18532	20	52/03	18784	10	16,49/03;4,11,13,14,19,23,25,26/04	22008	35	17,29,32,38,47/03;7,25/04	22375	1	N15,N26,N37/03
18539	9	21/04*	18787	2	N1,N16/04	22012	31	29,32/03;25/04	22377	1	N2,N4/04
18543	2	15/04*	18789	47	21*,48/03;23/04	22032	20	19,40/03	22379	1	N30,N32/03
18545	15	50/03*	18793	39	40*,41/03;4,14,23/04	22036	28	51/03;2,21,22/04	22395	2	15,19,22,26,30/03
18546	10	19/04*	18794	10	16,49/03;4,11,13,14,19,23,25,26/04	22050	4	26/03	22401	4	N23*,N30/03
18547	10	19/04*	18795	2	N1,N16/04	22051	18	5,16/04	22407	1	N18,N30/03
18551	8	18/04*	19002	9	N16,N23,N29,N46/03;N6,N8,N12,N16,N22,N23,N24,N26/04	22052	7	24/04*	22408	1	N21/03
18553	7	24/04*	19004	37	18*,23,24,26/04	22053	4	N20/04**	22409	4	N17,N22/03
18556	25	17/04*	19007	17	21*,23,26/04	22054	1	20/04*	22410	32	19,23,40/03
18558	37	48/03;1/04				22082	4	25,38/03;20/04	22412	2	2,4/04
						22084	4	35,37/03;15/04	22413		N22/03
						22090	2	17/03			
						22101	19	37/03			

SECTION I

NM 27/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
22415	8	2,4/04	24224	1	15/04*	25650	34	25/04*	29101	6	7.8,13/04
22417	1	N25/03;N1/04	24230	20	52/03;9/04	25653	13	14,21/04	29105	5	49,50/03;8,11/04
22418	2	19/03	24233	15	9,22/04	25654	13	14,21/04	29107	2	29,36/03;21/04
22420	2	15,19,30,40/03	24234	3	35/03	25655	11	14,21/04	29121	5	8,12,13/04
22421	4	N23,N25,N26,N27/03; N4/04	24240	5	39,46,52/03	25659	9	20/03*	29124	1	21/04
22423	3	N25,N27/03	24250	5	39/03;13,22/04	25663	27	17,30,39/03	29127	4	29,39,42/03;21/04
22424		N27/03	24251	23	39/03	25664	15	17,30,39/03	29141	3	29,39/03
22427	1	N23,N25,N26,N40/03; N9/04	24252	5	39/03	25666	17	17/03;11/04	35002		N19/04*
22429		N17,N19,N27/03	24270	3	17,29/03	25667	20	15/03	35003		N19/04*
22430	6	19/03;22/04	24271	14	17,29/03	25668	18	34/03	35004		N19/04*
22433	3	35/03;22/04	24274	2	17,29/03	25670	42	2*,14/04	35005		N23/04*
22434	2	35/03	24292	4	22/04	25671	18	21/03*;21/04	35006		N24/04*
22437	2	22/04	24293	6	37,42,46/03	25673	15	43/03	35008	21	25,27/03;23/04
22440	1	19/03	24294	22	37,46/03	25675	9	20/03*	35009	19	49/03
22461	1	21/04	24320	4	17/03	25677	20	32*,39,52/03	35011	2	25/03
22471	31	2,6,8,22,27/04	24322	6	17/03	25679	10	20/03*;11,15/04	35013		N23/04*
22481	35	19/03;2/04	24350	2	18/03	25681	16	28*,34,39/03;15/04	35014		N23/04*
22482	16	23/03;9/04	24355	2	25,37/03	25683	18	32*,34,39,52/03	35025		N23/04*
22492	3	34/03	24360	1	25/03	25685	9	22*,52/03	35027		N24/04*
22521	3	17,34/03	24370	1	48/03;1/04	25687	12	30/03*	35032	16	12/04
22523	3	17,34/03	24375	2	38/03	25700	3	15/03	35036	21	15,27,43/03;12,13/04
22529	3	17,35/03	24376	1	38/03	25848	25	15/03;11/04	35040	18	24/04**
22531	2	17,35/03	24380	2	48/03;1/04	26050	1	26,47/03	35041	8	23/04**
23000	5	51/03	24404	8	11,24/04	26060	1	42/03	35042	9	24/04**
23010	4	24/04	24430	5	31,52/03;24/04	26068	11	18,50/03	35055		N23/04*
23020	4	22/03	24431	14	31,52/03	26081	8	16,42,43/03;16/04	35060	14	49/03
23030	6	21,22,37,42/03;14/04	24433	3	52/03	26083	14	19/04	35080	16	23/04**
23071	3	24/04	24434	4	52/03	26100	4	31/03	35081	15	22,27/03
23121	7	17,20/03;19/04	24444	2	23/04	26122	30	22/03*	35082	7	22,27/03
23123	3	19/04	24450	3	26,47/03;6/04	26125	3	41/03	35083	8	20/03
23124	3	N17,N20/03;N19/04	24453	5	26/03	26127	21	11/04	35086	5	22/03
23125	4	17/03;19/04	24454	5	26/03	26129	11	41/03	35100	14	23/04**
23131	7	22/03	24460	4	15,29,32,47/03	26130	20	11/04	35101	6	16/04
23141	7	22,37/03	24461	4	16,38,47/03	26147	31	19/04	35120	13	23/04**
23142	10	37,47/03	24462	5	16,29/03	26186	17	14/04	35130	3	24/04
23145	3	37,51/03;14/04	24463	6	15,25,26,38/03;13/04	26188	11	15/04	35136	2	24/04
23153	8	49/03	24465	6	38/03	26218	2	31/03	35155	3	25/03
23159	2	25/04	24470	4	13/04	26219	5	31/03	35200	7	25/03;24/04
24004	36	41,42,46/03	24480	1	24,27,42,48/03;21/04	26220	6	11/04	35301	6	17/03
24016	53	13/04	24482	2	31/03	26229	11	31/03;9/04	35302	7	17/03
24024	46	18,25/03	24484	3	31/03	26230	12	31/03;9/04	35303	7	17/03
24050	11	20,31,32,33,51,52/03;6, 14/04	24490	3	25,27/03	26245	16	15/03	35350	2	23/04
24052	15	19,21,30,42,44,50/03	24491	3	27/03	26282	6	22,23,34/03	35363	1	12/04
24053	16	19/03	24500	1	7/04*	26290	1	21/03**	35365	1	12,23/04
24055	6	19,21,42,50,51,52/03;6, 26/04	24501	3	27/03	26295	1	21*,22,34/03	35380	8	12/04
24057	4	20,30,33,42,52/03;4,6, 26/04	24502	6	27,34,47/03	26300	7	21/03*	35390	2	12/04
24058	2	19,22,28,29,30,42,44/03; 7,9/04	24504	7	42,48/03;21/04	26308	5	21*,22,23,34/03	35400	11	18/04
24060	2	17,32/03	24508	3	22/03*;24/04	26309	27	11/04*	35420	13	12,18/04
24080	5	17/03	24509	2	15,25,34,42/03;12,21/04	26310	1	N48/03*	35424	3	18/04
24091	6	21,46/03;22/04	24510	2	42/03;21,24/04	26312	2	21/03	36005	2	17,24,25,27,31,43,44/03; 13,23,26,27/04
24092	14	22/04	24511	2	24,42,48/03	26316	3	21/03	36010	27	15,16,20,23,43/03
24100	5	46/03	24512	3	24,25,38,42/03;24/04	26320	5	22,23,25,31,40/03;19/04	36015	2	27,44/03;13,26/04
24103	3	10/04	24513	18	38,42/03;24/04	26327	2	N17/03	36040	16	15/03;6/04
24110	3	35/03	24517	2	25,40,42/03	27005	4	22,23,34/03;19/04	36060	17	20,21/03;2,17/04
24133	6	31/03	25001	7	15,52/03	27042	21	41,42/03;10/04	36061	5	20/03
24140	18	41,42,46/03;6,7,11,22/04	25017	5	15,25,31,34,39,52/03; 15/04	27060	2	22,23,34/03	36120	9	16,23,27/03;17/04
24142	43	7,11/04	25018	9	15,25,31,34,39,52/03	27080	4	15,22,39,52/03	36123	25	16/03
24149	1	52/03	25400	2	20/04*	27081	6	19/04	36124	18	16/03
24150	27	41,47/03;6,7/04	25480	1	52/03;8/04	27083	39	28/03;4,24/04	36125	7	30/03
24151	4	41/03;6,7/04	25481	25	8,26/04	27100	2	21/03	36140	12	27/03;13/04
24152	2	41,47/03;6/04	25483	20	8/04	27102	11	28/03	36143	4	30,43/03
24153	6	39,47/03;6/04	25485	45	36/03;10/04	27120	4	16/04	36161	10	18/03;21/04
24155	6	46,49/03	25487	2	36/03;10/04	27122	5	19/04	36162	10	18/03
24160	21	47/03;10,15,22/04	25524	43	20,24,26,32/03;23/04	27160	2	35/03	36163	13	18/03
24161	11	28,32,39,40,47/03;10, 26/04	25525	17	26/03;23/04	27206	18	9,25/04	36164	7	15/03
24162	9	28,32,39,40,42,47,52/03; 10,26/04	25526	2	24,32/03;23/04	28004	1	22/03;27/04	36165	6	27,30,43/03;21/04
24164	6	39,41,47/03	25527	31	24,32/03	28006	1	27/04	36180	23	27,44/03;13/04
24170	14	35/03;9,22/04	25550	2	21/03	28050	3	26,42,47/03	36181	18	13/04
24171	19	37,52/03;16,22,26/04	25563	50	18,21/03	28084	4	17/03**	36182	6	27/03;13/04
24172	4	22/04	25566	27	18,30/03	28154	2	38/03	37000	22	23,43/03
24180	15	40/03	25567	16	21/03	28165	20	20/04*	37005	16	15,23,28,29,30,50,51/03; 5,8/04
24200	14	9,13/04	25570	3	16/03	28167	4	16/04	37010	23	15,19,23,27,28,29,30,43, 50,51/03;5,8,12,15/04
24201	5	49/03;9/04	25575	4	35,39/03;14,15,18/04	28168	22	16/04	37025	26	24,25,27,31,33,34,36,38, 41,43/03;3,4,10,11,15, 26/04
24202	6	31,35,46/03;21/04	25600	47	25,27/03;1/04	28190	2	18/03;16/04	37032	2	25,31,38,42,43,45/03;3,4, 9,15/04
24203	36	49/03	25607	4	48/03	28196	4	18/03;16/04	37033	2	33/03;15,17/04
24210	14	42/03	25608	21	16,26,34,38/03;1/04	28197	4	18/03;16/04	37034	2	33,41/03;10,15,P18, 22/04
24220	14	39/03	25609	5	1/04	28221	18	16/04	37043	17	43,46/03;12/04
24222	3	39/03	25610	8	2/04	28260	30	16/04	37046	18	43,46/03;12/04
24223	33	39/03	25611	22	1/04	28263	3	16/04	37050	9	17/03;12,26/04
			25613	3	20*,25/04	28300	1	16/04	37060	3	18,43,46/03;12/04
			25640	41	22/04*	28302	16	7/04			
			25641	27	15/04*	28310	2	7/04			
			25644	13	20/03*	29002	9	18,29/03			
			25645	17	15/04	29012	8	7/04			
			25647	10	16/04	29015	5	16/03;7/04			
			25649	19	44/03*	29040	3	39,48/03;7,14/04			

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 NM 15/03 THROUGH NM 27/04

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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
37063	21	43/03	37262	20	27/04	43059	3	20/03;16/04	43360	21	17,20,21,28,30,32,43,52/03;5,7,11,14,16,17,20,26/04
37075	3	18,43/03;12/04	37264	3	15,22/03	43060	4	27/03;16/04	43362	5	44/03
37080	3	15,18,20,21,22/03;12,23,26,27/04	37265	3	17,32/03	43062	2	16/04	43363	5	17/04
37082	9	24/04	37281	15	15,22/03	43063	2	16/04	43366	4	44/03
37090	8	16,22/03;12,23,26,27/04	37320	16	15,17,21,24,36,38,44/03;7,12,21,26,27/04	43064	2	16/04	43368	5	43,48/03;14,17/04
37095	3	15,16,20,22,32,39/03;27/04	37325	8	15,18/03	43079	2	21/04	43369	6	43,48,50/03;14,17,24,26/04
37103	9	12,26/04	37326	2	15,18,21,36/03	43080	4	44/03;16,20,22/04	43370	7	47/03;12,14,23,24/04
37106	4	32/03;26/04	37328	2	15,21,24/03;26/04	43081	4	16/04	43371	13	38,43/03;10,12,14,23,24/04
37110	11	20,25,31,32,39/03;12,26/04	37330	2	27/04	43082	5	47/03;20,21/04	43372	4	10,12,14/04
37111	1	27/04	37342	3	15,21,45/03;12/04	43083	4	16,20,22,23/04	43373	8	17,20,40,42,49,50,52/03;8,9,14,23,24,25,26/04
37115	2	25,31,32,39/03;12,26/04	37343	10	12/04	43084	3	16,23/04	43374	1	43/03;10,14,17/04
37120	2	21,23,24,25,26,27,30,32,39,42,43,44,45/03;12,20,24,25,26,27/04	37344	11	21,38,45/03;13/04	43100	4	22/04	43375	7	16,18,23,42,44,50,51/03;5,11,20,21,22,23/04
37121	11	25/03;12,26,27/04	37360	15	15,17,21,24,31,36,38,39,43,44,45/03;9,11,12,13/04	43106	6	44/03;7,10/04	43376	5	14/04
37122	12	19,31,44,45/03;12/04	37362	6	17,22,32,33,38,39/03;12,14/04	43107	1	7/04	43377	2	47/03;14/04
37123	9	20/03;27/04	37363	8	17,32/03	43120	4	5,7/04	43378	2	38/03;14/04
37125	15	20/03;27/04	37380	2	17,21,38,39,41,43/03;7,11,12,13,19,21,23/04	43122	3	7/04	43379	1	24/04
37127	11	20/03;27/04	37400	10	20,31,34,36,41,43,46,47/03;1,7,9,11,19,21,23/04	43123	3	7/04	43382	2	48/03;14/04
37129	6	20,23,24,30,42,45/03;7,20,26,27/04	37401	9	16,22,31,36,43,44,47/03;1/04	43124	5	3,5,7,10/04	43384	1	15,16,17,18,23,25,26,27,32,44/03;2,5,9,11,21,22,23/04
37134	5	45/03	37402	7	1/04	43125	7	44/03;7,10/04	43385	1	20,23,24,26,42,46,49,51/03;8,11,12,19,21,22/04
37136	6	30/03	37403	23	41/03	43126	4	5,7,20,25/04	43386	2	47/03;24/04
37137	6	30/03	37404	1	41/03;9/04	43127	5	20/03;1,3/04	44000	16	44/03;19/04
37140	33	16,24,25,30,32,42,43,44,45/03;12,24,25,26,27/04	37421	8	21,41/03	43140	4	35,38/03	44001	2	P20,23,26,50/03;8,9,11,18,19/04
37141	29	17,19,24,27,31,45/03;23/04	37423	5	21,41/03	43141	5	5/04	44015	8	24,26,40,44,47,50/03;1,8,9,11,18,19,20,22,27/04
37147	15	16,17,19,25/03;12/04	37425	2	38,45/03;7/04	43142	4	1/04	44030	7	19,48,50/03;13,20/04
37148	13	27,51/03;12/04	37443	1	34,38/03	43144	4	43/03;20,21,22,25/04	44036	5	16,17,20,23,28,30,32,52/03;5,16/04
37150	8	19,26,27,32,33,35,37,39,41,43,46/03;7,12,25/04	37445	1	34,38/03	43145	4	20,25/04	44037	5	16,22,52/03;27/04
37161	14	19,24,41,43,46/03	37446	2	34/03	43146	2	34,35,44/03	44038	5	46/03;18/04
37162	12	21,26,27,30,32,33,35,37,39,40,41,43,45,46/03;7/04	37461	9	20,25,36,50/03;3,15,25,26/04	43147	3	35,38/03	44040	23	16,17,20,22,23,24,28,30,32,44,52/03;1,5,6,16,19/04
37163	19	32,43/03;11,12,22,25/04	37463	6	43/03;1,2,3,4/04	43148	4	43/03	44041	7	16,20,23,28,52/03;3,8,9,13,20,26,27/04
37164	4	23,26,27,30,32,35,37,43,46/03;7,22,24/04	37481	7	30/03;17,20,21,25/04	43150	2	N34,N35,N38,N41/03;N20,N21,N22/04	44042	7	17,19,20,25,27,28,29,32/03;9,12,13,15,20,22,25,26,27/04
37165	2	15,21,23,26,27,28,30,32,34,35,37,39,43,45,50,52/03;1,5,7,8,11,15/04	37501	3	20,33/03	43161	2	35,41/03	44043	8	16,52/03;9,16,26,27/04
37166	2	19,21,26,27,30,32,33,34,35,37,39,40,41,43,45,46,51/03;7,11,12,21,25/04	37505	2	33,41/03;15/04	43162	3	41/03	44044	6	16,44/03;9,16,24,25,27/04
37170	11	19,46/03	37506	4	20,33,48/03;11,26/04	43163	3	41/03	44045	6	22,44/03;5,16/04
37175	2	27,30,45,46,51/03	38320	3	35/03	43164	3	34/03;20,21,22/04	44046	10	22,24/03;1,6,19,27/04
37180	20	27,31,35,49/03;12/04	38480	6	48/03	43165	2	21,22,23/04	44047	22	22,24,30,31,32,40,48/03;16/04
37182	14	24,27/03	38528	4	N20/03	43166	2	43/03;23/04	44048	11	18,22,25,27,31,40,48/03;9,13,16,21/04
37183	9	24/03	38580	8	18/03	43167	5	36,42,44/03;20,21/04	44049	9	22,24,30,31,40,48,50/03;1,2,9,12,18,26/04
37200	15	28,30,35/03;15,23/04	38585	4	18/03	43168	2	36,42/03	44050	21	20,31,32/03;12/04
37202	2	22,27/03	38607	2	1,14/04	43180	5	44/03;22/04	44051	1	22,25,26,27/03;1,2,9,25,26/04
37205	2	22,24,30,40/03;15/04	38610	1	1,13/04	43181	3	43/03	44057	5	29,30/03
37221	13	15,21,23,29,30,32,50,51,52/03;5,8,11,16,18,19/04	38641	4	3,13/04	43182	4	22/04	44061	21	24,32/03;1,6,17/04
37222	13	21,22,30,46,52/03;16/04	38650	1	3,12,13/04	43200	3	22/04	44062	8	28,40/03;1,17/04
37223	14	21,26,27,30,32,34,35,39,43/03;7,11,16,21,24/04	38670	2	1,13/04	43201	2	N21,N22/04	44063	8	17/03;1/04
37224	11	22,23,30,37/03;16/04	38682	3	13/04	43202	3	22/04	44064	19	22,28/03;1,6,15,27/04
37226	17	17,21,23,51/03	38683	3	13/04	43203	3	22/04	44065	7	16,17/03;6,19/04
37228	14	23,27,29,30/03	38690	2	13/04	43204	4	36/03	44066	10	31/03;6/04
37230	14	28/03	41000	2	15/03	43206	3	14/04	44067	22	16,17,28/03;6,9,14,15,21/04
37231	18	50,52/03;8,19,21/04	41063	3	52/03	43244	4	12/04	44068	11	40,51/03;9,27/04
37232	12	29,31/03	41100	2	N46,N52/03	43245	4	12/04	44069	16	17,22,23,40/03;9,14,15,21/04
37234	13	31/03	42003	1	N23/03**	43247	5	44/03	44070	7	28/03;21/04
37235	11	17/03;5/04	42004	1	N23/03*;N13,N16/04	43248	3	44,46,47/03;14,25/04	44071	4	29/03;21/04
37238	6	17,21,30,33,37,40,41,45/03;7,25/04	42036	2	43/03	43249	2	10/04	44072	4	40/03
37241	17	26,27,30,32,33,35,37,39,43,45/03;7/04	42038	2	43/03;16/04	43252	1	44,46/03;14,25/04	44073	4	23,40/03
37242	10	26,30,32,35,39,43/03;11/04	42040	3	16/04	43261	5	46/03;25,26,27/04	44074	3	22,28,30,32/03;14,26/04
37243	7	27,30,32,37/03;24/04	42042	3	16/04	43262	5	46/03;24,25,26,27/04	44081	9	46,48/03;9,14,15,16,23,27/04
37244	11	23,26,27,28,30,32,33,35,37,39,43,45,46/03;7,20,24,25/04	42052	2	16/04	43263	7	37,44,46/03;1,21,23,26/04	44082	11	33/03;17,21/04
37246	14	21,24,27,30,32,33,35,39,40,43,45,46/03;1,11,22,24,25/04	42141	3	6,12/04	43264	2	46/03;24,25,26,27/04	44083	8	24,25,26/03
37248	18	21,23,24,26,27,30,32,35,40,41,43,45/03;7,12,20,22,25/04	42160	3	38/03;12/04	43265	2	37,46,47/03;23/04	44084	1	26/03
37258	4	22/03;27/04	42301	3	38,52/03;15/04	43266	1	47/03;10/04	44085	2	51/03
37261	10	20,22/03;27/04	42560	5	31,38,40/03	43280	5	37,40,47/03			
			42580	5	40/03	43281	6	27,37,44,46,47/03;1,21,23/04			
			42600	5	30,40/03	43283	6	27,37,40,43,47/03;1,20/04			
			42620	5	38/03	43284	4	40,43/03;1,20,21/04			
			42640	6	38,40/03	43285	5	44,49,51/03			
			42660	5	38/03	43287	2	27,37/03;1/04			
			42740	5	25,31,40/03	43300	5	49,51/03;10,23/04			
			42742	3	30/03;11,13/04	43301	4	49/03;23/04			
			42760	5	19,24,25,47,52/03;2,11,13/04	43302	4	10,14,15/04			
			42762	3	N25,N30,N47,N52/03;N11,N13,N20/04	43303	4	43/03;14,21/04			
			42765	3	47,50/03;2/04	43304	2	43/03;10,14,15/04			
			43000	4	16/04	43320	5	49/03;15,17,20,21/04			
			43030	24	15,17,22,27,28,30,32,46,48/03;1,3,6,8,9,14,15,16,17,19,20,23/04	43321	6	15,16,17,21,23/04			
			43040	6	38,47/03;2,16/04	43323	4	27,49/03;15,17,21,23/04			
			43041	2	16/04	43324	4	27,49/03;15,21/04			
			43058	3	20/03;16/04	43324	7	49/03;22/04			
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SECTION I

NM 27/04

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
44100	7	22,31,40,41,46,48,49,51/03;6,9,14,15,16,17,23,27/04	44341	7	P20,26,52/03;18,19,20,26/04	51559	3	23/04	53111	3	11/04
44105	2	24,26,27,41,47,48,52/03;3,20,24/04	44342	8	52/03;18,22,27/04	51560	11	50/03	53120	14	17,31,35/03;11,13/04
44120	7	15,19,20,22,23,24,27,33,39,40,41,45,48,49/03;1,3,9,14,17,20,23,27/04	44352	2	15,17,19,49/03;2,7,24/04	51562	10	50/03	53122	3	16/03
44140	8	19,21,23,24,26,31,40,44,47,50/03;9,20,22,25/04	44360	9	20,27,28,30,31,32,37,39,44,52/03;2,11,24/04	51580	13	41/03	53123	3	29/03
44160	7	15,20,26,31,41,47,48,49/03;2,5,9,11,13,19,22,23,25/04	44361	6	15,21,26,27,28,35,52/03;4,6,15,17,20/04	51600	12	20,39/03;23/04	53130	1	18/03
44161	2	21,35,39,41,48,49,50/03;3,8,9,16,20,21,22,27/04	44365	1	26,27,43,52/03;4,11,13,15/04	51620	10	20,39/03	53133	4	33*,45/03
44162	1	24,47/03;9,17/04	44366	1	44,52/03	51621	9	20/03;20,24/04	53147	3	17,20,35/03
44164	1	18,22,47/03;2,6,12,13,15,23,25/04	44367	2	39/03;13,20,23,26/04	51641	4	32,34,40/03	53149	2	11/04
44165	1	20,22,24,34,39,45,48/03;2,9,11,12,15,18,24/04	44400	4	15,17,19,23,24,25,27,34,41,49,50,51/03;7,12,16,18,19,24,25/04	52031	1	21,48,49/03;7,10,13,20,25,27/04	53161	8	18/03
44178	2	16,26,27/03;2,16,18/04	44401	7	19,24,41,49/03;6,12,21/04	52039	4	18,21,45/03	53162	7	15/03
44179	2	16,35,39,51,52/03;3,8,14,18,25,26/04	44410	4	15,23,24,26,27,41,45,49,50/03;2,3,9,16,18,22/04	52040	17	16,18,34/03;13,20,27/04	53166	1	6/04
44180	6	20,26,43,48,50/03;2,3,6,8,11,12,14,22,25/04	44420	6	17,22,25,27,40,44,49/03;5,8,9,11,22,23,24,25,26,27/04	52042	6	22/03*	53180	10	15,18,20,21,29/03;11/04
44181	5	20,21,27,48,52/03;2,8,9,11,12,14,22,25/04	44430	2	19,24,25,40,44,47,52/03;22,27/04	52043	21	48,50,52/03;1,26/04	53181	4	21/03
44182	4	15,18,27,42,43,46,48,49/03;1,2,6,8,12,15,18,23,26,27/04	44444	6	30,34,35,36,38,41,52/03;7,13,20,21,26/04	52046	21	16,18,21/03;12,13,19/04	53182	4	15,16/03
44183	6	19,20,25,27,35,39,43,46,49/03;2,13,14,15/04	44461	10	24,25,26,28,31,36,47,50/03;22/04	52047	11	34/03;20/04	53183	13	20/03
44184	9	20,22,32,48,52/03;8,11,21,24,27/04	44462	4	27,39/03	52051	1	16,27/04	53184	5	18,20/03
44185	7	27,32,48,50/03;9,11,14,18/04	44463	9	24/03;22/04	52052	1	16/04	53200	6	15,16,20,30/03;4,11,12/04
44186	2	15,16,25,27,29,49/03;1,3,11,12,16,21,23,24/04	44465	2	25,47/03;22/04	52060	16	P20,26,29,34/03;6,27/04	53201	6	18,21,38/03
44187	2	25,27,39,44,48,50,52/03;2,6,22/04	44481	2	24,26,31,50/03;17/04	52061	2	20,P20,26,29,34/03;6/04	53202	6	15,17/03
44192	1	18,23,39,43,44,48/03;1,2,5,8,9,11,14,15,24/04	51002	7	4/04	52062	7	23,29,34/03;1,6,7/04	53204	10	1/04
44193	1	15,18,43,48,50/03;5,6,9,12,14,15,25,27/04	51007	22	27,33,40/03;9,10,14/04	52066	3	16/03	53205	3	26/03
44200	9	22,27,37,43,47,50/03;12,20,21,25/04	51013	4	21,33,36,45/03;14,19/04	52080	14	20,P20,26,48,49/03;5,7,20,21,25/04	53206	6	25/03
44203	1	15,25,52/03;2,8,12,15,22/04	51017	31	24,40,44/03;21/04	52082	3	20,P20,26/03;21/04	53220	6	16/03;4,10,12/04
44204	1	27,50/03;9,20/04	51022	11	44/03;21/04	52083	2	16,46,48/03	53226	3	17,18,35/03;12/04
44205	2	15,19,22,26,27,29,31,39,43/03;11,20,22,23,27/04	51027	8	45/03	52084	2	18/03	53262	8	1/04*
44206	1	16,17,19,24,28,40,46/03;6,11,22/04	51032	10	45/03	52085	3	16,46/03	53263	1	17/03
44207	1	17,19,23,28,40,41,45,46,50/03;9,21,22,23/04	51061	14	15,17,19,21,22/03;4/04	52086	2	36/03;5,7/04	53264	5	17/03
44220	5	16,21,40,45,46,48/03;3,11,20,23/04	51062	28	15,17,19,22/03	52087	1	6/04	53265	6	15,16/03
44221	1	19,21,52/03;3,11/04	51064	2	17/03	52088	3	10*,20,21/04	53266	4	17/03
44223	1	21,24,48/03;11,12,15,23/04	51081	10	15,17,21,22,45/03;6,19,20/04	52092	1	16,48/03	53269	5	17/03
44224	1	20,21,24,42/03;3,19/04	51082	7	15,17,21,22,45/03;19/04	52120	12	16,18/03;6,19,26/04	53279	3	15/03
44240	8	15,16,19,21,25,39/03;3,20/04	51100	7	27,33,34,41/03;10,P18,19,22,23/04	52121	8	16,23/03	53281	4	15,18/03
44243	2	17,22,24,26/04	51103	10	17,23,26/04	52122	14	13,14,22/04	53283	4	40/03;6/04
44260	7	21,48,52/03;5,13,16,17/04	51154	3	15/03;6,9/04	52124	1	6/04	53284	4	21,24/03
44280	9	15,19,22,34,44,47,50/03;11/04	51155	1	15,22/03;12/04	52125	1	16,18/03;14,22/04	53285	4	15/03
44281	2	15,19,21,22,27,45,49,50/03;11,12,19/04	51159	3	39/03	52140	6	18,29,46,49,52/03;5,7,12,25/04	53287	6	15,22/03
44282	1	17,19,21,26/03;14,20/04	51160	20	15,21,22,45/03;12,14/04	52141	5	41,44,46,49/03;25/04	53301	4	22/03;21/04
44283	2	21,43,45,49,50/03;13/04	51163	4	43/03;12,19/04	52142	3	14*,20/04	53306	2	31,43/03
44284	2	42,44/03;14/04	51164	18	43/03;5,14,27/04	52143	8	18/03;7/04	53311	3	37/03
44285	1	15,40,44,47/03;11,21/04	51165	8	16,39/03;5,8,27/04	52144	5	16,18,21,23,47/03;7/04	54040	3	20/03;11/04
44286	1	27,40,47/03;11/04	51166	3	N39/03	52160	7	50,52/03;14/04	54041	7	16,17,24/03
44310	5	37,50/03;19/04	51167	6	16/03;5,8,14,27/04	52161	14	52/03	54043	2	17/03
44313	1	36,37,39,40/03;11,19,20,22,23,26/04	51168	2	45/03;14/04	52164	2	14/04	54060	5	16/03;6,12/04
44319	2	P20,26,27,28/03;2,19/04	51180	5	16/03	52170	3	16,42,52/03;10/04	54061	11	42/03
44320	4	15,P20,25,26,37,49,50,51/03;2,12,19,20,21/04	51220	8	18,43,45,46/03	52172	2	52/03	54082	12	10/04
44321	6	44,45/03;19,20,21,22,23,26/04	51222	6	16/03	52180	14	15,16,50/03;6/04	54083	4	10/04
44340	11	15,17,P20,26,33,37,49,50,52/03;2,6,7,11,12,18,19,21,23,26/04	51223	2	17,18/03;24/04	52183	9	52/03	54085	2	15,24,42/03
			51240	2	43,46/03	52200	8	17/03	54090	3	15,19,03;6,12,27/04
			51260	4	16,18,28,43,44,52/03	52208	7	27/03	54095	3	15,30,42/03
			51261	23	15,19,40,46/03;12/04	52221	7	27/03	54105	3	17,19,50/03;10/04
			51263	23	17/03	52223	4	27/03	54115	3	15,30/03;10/04
			51341	23	16,34/03;15/04	52224	4	27/03	54120	5	15,17,19/03;10/04
			51342	3	5/04	52240	9	27/03;20/04	54125	3	15,17,30,47/03
			51343	3	21/04	52243	11	20/04	54131	2	50/03;12/04
			51344	2	16,18,44/03;26/04	52262	6	4/04	54140	7	15,30,47,51/03
			51380	5	42/03;21/04	52263	5	4/04	54151	1	42/03;24/04
			51420	5	42/03	53011	2	7,10/04	54161	12	20,21/03;27/04
			51440	4	42/03	53031	1	24,31,49/03;6,7/04	54162	2	20/03
			51460	4	22/04	53058	2	37/03	54168	1	17,38/03
			51500	6	20/03	53060	14	31,36,39,44/03;6,11,22,26/04	54169	3	17,38/03;14/04
			51540	3	22,45/03	53061	10	16,17,38,44/03;15,17,21/04	54180	6	30,42,47,51/03
						53062	13	16/03;15,17,19,21,22,26/04	54181	7	48/03*
						53063	9	33*,37/03;21/04	54195	2	51/03
						53064	6	20,39/03;11/04	54222	4	20/03
						53065	2	39/03;11/04	54226	2	47/03
						53066	2	20,39/03;11/04	54227	2	47/03;12/04
						53081	8	16/03;27/04	54266	2	27/04
						53082	13	7,21,22/04	54279	4	15/03
						53083	8	21,22,41/03;21/04	54280	10	15,22/03
						53084	6	16/03	54284	1	15,34/03
						53085	6	16/03	54287	7	15/03
						53086	8	17/03;11/04	54302	1	21/03
						53087	9	17/03	54320	4	24,25/03
						53089	4	21,22,23,41/03;9/04	54321	2	25/03
						53090	1	50/03	54332	3	25/03
						53093	2	41/03;8/04	54333	3	25/03
						53100	16	18,20,21,24,31/03;11,13/04	54335	3	24/03
						53101	7	16,24/03	54337	3	21/04
						53104	2	20,24/03	54340	8	24/03

CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Table with 3 columns of chart data. Each column contains Chart No., Ed. No., and Notice to Mariners No. for various chart editions and cancellations.

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
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Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
71281	7	34/03	74051	2	42/03	75001	3	31,32/03	82201	2	12/04
71285	3	19/03	74151	9	20,29,40,41/03;19/04	75025	9	25,27,36,38,39/03;8/04	82215	2	41/03
71295	2	19/03	74152	11	27,30,34/03;1,13,19/04	75035	18	26,27/03;8/04	82244	5	20,39/03
71305	2	23/03	74153	2	27,41/03;1,19/04	75051	6	5,11/04	82253	7	20,39/03;15/04
71320	1	33,38/03	74171	4	18,20,40/03	75052	2	10,11/04	82280		N39/03;N22/04
71330	13	33,38/03	74172	5	18,40/03	75130	16	16,19,25,26,37/03;22/04	82571	6	14/04
71331	11	33,38/03	74181	8	34/03	75131	7	17,39/03	82683	4	17/03
71333	2	33/03	74182	12	17,25,34,38,39,40,41,42,49/03;11,17/04	75132	11	17,19,25,29,32,35/03;9,21/04	82689	3	17/03
71335	2	38/03							82694	6	17/03
71340	11	33/03	74183	11	17,25,38/03	75134	3	19,29,37,45/03;9,22/04	83020	8	24/03
71348	3	23/03	74184	10	17,34/03;8,11/04	75142	5	35/03;9/04	83025	1	45/03
71349	2	23/03	74186	7	17,21,27,30,36/03	75143	4	10/04	83034	1	23/04
71400	5	23/03	74190	7	16,31,34,39/03	75144	3	18,25,30,38/03;10/04	83039	11	23/04
71402	1	33/03	74191	2	29/03;5/04	75150	5	16,19,26/03	83425	6	3/04
71410	1	23/03	74192	3	40/03	75160	6	17,18,19,25,32/03	83473	7	37/03
71420	1	23/03	74200	8	32,40/03	75170	12	25,38/03	83484	10	23,42/03;24/04
71430	3	20,23/03	74201	9	32/03;11/04	75171	22	16,26,35,38,40,44/03;10,21/04	83500	1	23/04
71440	2	23/03;11,14/04	74202	3	27/03				83580	2	45/03;23/04
71455	2	23/03	74204	5	32,40,46/03;11/04	75172	5	49/03	83590	1	45/03
71460	1	23/03	74205	2	27,32,35/03;1/04	75173	9	20,26,35,38,40/03	91005	6	19,42/03
72000	8	20,21,23,24,27/03;25/04	74206	2	27,32,35/03	75175	9	18/03	91020	5	19,46/03
72007	10	27,50/03;9/04	74210	7	17,37,46/03	75176	9	25,26,32,40,44/03;21/04	91025	8	46/03
72014	10	19/03;9/04	74220	8	30,37,46,50/03;11,15,25/04	75177	7	26,38/03	91030	3	42/03
72021	8	20,23,27,50/03;9/04				75180	2	25,38/03	91175	2	6/04
72028	7	22/03	74221	2	30,38/03	75185	2	36/03	91280	7	19,43,46/03
72035	8	21,27/03;9/04	74229	2	18,26,50/03;21,24/04	75190	2	25,36/03;22/04	91289	19	43/03
72045	2	27/03;9/04	74230	7	36,46,50/03;12,15,25/04	75191	6	19,30,34,36,38/03	91294	8	19/03
72050	4	23/03	74231	7	21,36,50/03;10,24,25/04	75193	6	16,19,35/03	91297	9	19/03
72070	4	25/04	74232	9	21/03;8/04	75207	2	16,33,37,43,49/03	91300	3	46/03
72085	3	15*,50/03;9/04	74234	1	17/03	75208	2	30,33/03;22/04	91331	3	42/03
72094	2	25/04	74240	8	41,46/03;13,25/04	75213	2	33,38/03	91340	3	42/03
72100	7	19/03	74251	8	17,21/03;15/04	75215	2	33,38/03	92006	5	10/04
72103	2	19/03;25/04	74252	9	10/04	75220	12	20,26,39/03;8/04	92025	3	42/03
72105	2	19,50/03;9/04	74253	6	16,20,21,30/03;10,13,15/04	75222	8	1/04	92030	4	42/03
72107	2	19/03				75240	4	27,39/03;8/04	92150	3	43/03
72110	9	9/04	74261	9	30,39/03;21/04	75241	6	26,35/03	92160	3	43/03
72120	3	9/04	74265	2	16,21,30/03;10,13,15/04	75251	5	19,37,40/03;13,19/04	92170	3	43/03
72173	2	9/04	74270	3	38/03;10,15,21/04	75261	6	26,31,38/03;1,13,19/04	92290	2	19/03
72181	2	50/03	74271	9	19,26,27,29,30,38/03;10,21/04	75262	6	16/03;1/04	92296	3	19/03
72203	2	9/04				75263	9	26,31/03;1/04	92410	3	42/03
72204	1	26/04	74272	7	19,29,30/03;9,15,21/04	75264	17	27,32/03;1/04	92450	3	42/03
72223	8	27/03	74273	5	19,27/03;10,15/04	75265	2	20,31,32,38,40/03	93006	2	43,44,48/03
72231	8	21/03	74281	7	30,52/03;17/04	76015	1	28,45,52/03;3/04	93010	6	18,24/03
72234	2	18,19/03	74283	2	27,52/03	76030	9	52/03;3/04	93018	8	18,24/03
73000	9	20,21/03;10/04	74285	2	16,38,50/03	76040	8	47/03	93025	5	45/03
73002	4	10/04	74286	2	29,35/03	76050	8	18,28,52/03	93032	3	24/03
73004	4	8,10,26,27/04	74287	2	47/03	76052	8	28/03	93047	2	24/03
73006	2	10/04	74289	5	10/04	76054	5	52/03	93048	1	33/03
73008	8	23/03	74290	11	16,27,30,38,50/03;15,18/04	76056	3	37/03	93160	4	24,47/03
73010	3	10/04				76060	7	52/03	93180	7	47/03
73014	10	10/04	74292	8	27,52/03;1/04	76061	3	52/03	93220	6	47/03
73016	4	10/04	74293	7	16/03;18/04	76070	9	28,45,47,51/03;3/04	93240	11	16,24,47/03
73018	3	10/04	74295	3	27,29,35/03;1/04	76071	9	28/03	93241	9	16,25/03
73020	9	21,22,03;10,21/04	74296	4	27,52/03;15/04	76080	8	18,47/03	93244	7	16/03
73022	4	10/04	74320	3	18,41,43/03	76081	7	28,37/03	93245	6	16,24/03
73030	4	22/03	74340	3	16/03	76083	3	37/03	93260	8	18,47/03
73032	4	22/03	74350	4	16,44/03;21/04	76120	6	45/03	93261	5	47/03
73141	5	10/04	74376	5	16,44/03	76121	8	47/03	93280	4	18/03
73191	3	10/04	74380	4	26/03	76141	8	28,37,45,52/03	93520	13	15/03
73552	4	38/03;18/04	74391	3	26/03	76142	1	37,45/03	93620	4	26/04
73580	4	43/03	74392	7	25,49/03	76144	1	28/03	93626	9	26/04
73581	4	43/03	74393	9	39/03;13/04	76146	1	28,45/03	93650	2	24,28,49/03;2/04
73590	6	36,43/03	74394	2	39/03;13/04	76147	1	28/03	93652	2	24,49/03;2/04
73601	3	43/03;12/04	74420	3	19,27,30/03	76160	4	28/03	93680	3	24/03;18/04
73620	2	12/04	74440	3	22/04	76161	10	47/03	93688	3	N18/04
73631	4	17,40/03	74450	3	37/03	76162	1	18,28/03	93690	2	45/03
73640	5	16,40/03;10/04	74455	3	38,49/03	76170	7	28,52/03	93698	3	28/03;6/04
73650	5	40/03	74460	4	20,37/03	76180	1	28/03;3/04	93710	3	15,43,52/03
73653	1	40/03	74465	2	36,38/03	81004	3	37*,43/03;9,10,17,21/04	93720	10	15,17,20,24,28,42,43,44,48,49/03
74000	6	18,41/03	74475	2	42,48/03	81048	9	52/03*;8,9,17,21/04			
74002	2	31/03	74494	2	16/03	81054	14	52/03*;7/04	93721	5	17,20,23,25,40,41,43,44,45,46,48,49,50,52/03;1,4,7,8,11,14,16,22/04
74003	5	31,34/03	74510	2	17,18,35,38/03;13/04	81060	2	43/03;8,9,11,17,21/04			
74004	2	30/03;12/04	74515	4	31,35/03	81063	5	47/03			
74005	2	16,27,30,38/03;15/04	74517	3	31/03	81067	6	46/03*;12,24/04	93725	6	24,49/03
74007	1	46/03	74530	2	36,49/03	81071	6	24/04	93726	4	17,45,50/03
74008	6	15,21/04	74535	2	36,38,49/03	81076	10	41*,44/03;12/04	93730	3	17,24,28,31,41,42,43,46,47,48,49/03;13,14,16,17,23/04
74009	10	21,36,44/03;21/04	74545	3	18,32/03	81092	3	32/03			
74012	10	19,20,27,36,37/03;8,22/04	74550	4	32/03	81711	6	31/03;1/04			
			74555	3	12/04	81715	4	31/03;1/04	93733	13	19,20,25,40,41,44,45,47,48,52/03;1,4,8,14,16,23,25/04
74015	10	21,31,36/03;8,13,22/04	74560	10	18,31,32/03;15/04	82005	5	17/03			
74016	3	27,42,48/03	74581	9	27,31,39,48/03	82010	6	17,39/03;22/04			
74017	4	18,31,38/03;13/04	74582	9	17,20,27,31,39,48/03	82015	13	39/03;22/04	93734	12	51/03*;4,23/04
74020	4	18,31,38/03;13/04	74583	15	38,48/03;12/04	82020	7	39/03;22/04	93736	24	11*,16,22/04
74021	7	26,31,35/03;13/04	74584	5	26,27,36,38,39,48/03	82095	2	12/04	94004	6	17,18,42/03;6,15,24/04
74024	7	36,49/03	74591	7	38/03;12/04	82105	2	12/04	94016	2	17,21,33,47/03;26/04
74027	9	39/03	74595	2	42/03	82192	6	43/03			
74030	6	42/03	75000	6	31/03	82200	2	17,41/03;12/04			

CHARTS AFFECTED BY NOTICE TO MARINERS
 NM 15/03 THROUGH NM 27/04

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
 * indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.	Chart No.	Ed. No.	Notice to Mariners No.
94028	7	17,21,24,27,31,33,40,51,52/03;1,4,16,17,19,20,21/04	95140	15	17,21,24,25,27,29,33,35,37,51,52/03;4,16,17,19,20,21,24/04	96540	5	11/04	97200	9	16,17,22,25,26,29/03;17,23,27/04
94033	5	19,21,23,29,42,44/03;2,12,16,19,23/04	95141	8	17,19,21,23,25,29,37,51/03;4,20/04	96560	5	51/03	97201	7	18,28/03
94040	13	17,18,28,31,43,51/03;13,18/04	95142	9	19,23,29/03	96620	3	38/03;11/04	97202	15	20,25/03
94042	9	18,24,43,45/03;4,8,13,16/04	95143	11	16,17,19,23,24,25,27,28,30,36/03;21/04	96640	5	15/04	97204	9	19,20,25,33,43,45,47/03;13,25/04
94060	10	15,18,24,31,42/03;11,13,18/04	95144	9	16,21,23,24,35,37/03;17/04	96645	1	15/04	97205	3	18,28/03
94061	5	23,41,42,52/03;11,13,18/04	95146	14	16,21,23,24,31,32,35,37,48/03;20/04	96660	4	36/03	97206	3	50/03*;13/04
94063	4	18/03	95147	13	19,23,25,28,29,31,32,35,36/03;20,21/04	96760	4	17/04	97218	3	33/03
94080	7	19,22,32,51/03;15,17,23,24/04	95149	9	19,24,25,27,30,32,35,52/03;16,20/04	96762	4	50/03*;16/04	97219	4	20,23,25,47/03;13,27/04
94082	8	19,22,51/03;15,23/04	95151	17	19,23,28,29,30,37/03;16,19,20/04	96763	7	17,32,37,45/03;6,16,21,26/04	97220	3	17,18,23,29,33,46,49/03;6,18/04
94083	12	15,24/04	95152	5	19,28,30,31,32,35/03;20/04	96764	3	34/03*	97221	20	17,18,19,20,22,23,25,26,29,33,46/03;6,7,11,13,17,18,24,27/04
94120	6	17,18,21/03;15,23/04	95153	2	19,25,32/03;19/04	96883	9	11/04	97222	12	22,29/03;11,17,24,27/04
94122	7	35/03	95160	13	17,19,21,24,25,27,33,36,40/03;1,14,16,17,19,20,24/04	96904	3	34/03*	97223	3	16,17,22,23,46/03;21/04
94123	9	15,17,18,28/03;23,24/04	95161	16	17,19,23,25,27,30,37/03;20/04	96939	3	22/03	97224	6	45/03;11/04
94124	13	15,17,25,28/03;23,24/04	95162	2	19,30,35/03;20/04	96941	8	47/03;9,16/04	97225	32	21*/27/04
94127	2	16,18/03	95163	2	17,21/03	96942	6	20/03;17/04	97226	7	18,41/03;6,22/04
94160	7	16,17,18,19,28,31,41,42/03;6,13,16,17/04	95164	4	27/03	96943	15	23,25,27/04	97227	11	18,30,34/03
94164	2	16,19,41,42,43/03;17/04	95167	10	17,21/03	96948	8	21,22/03	97228	15	15,17,18,20,21,22,27,29,35,49,52/03;7/04
94165	4	18,24,43/03;13,18/04	95169	2	16,23/03	96949	21	22/03	97229	12	18,28,33/03;18/04
94180	9	23,28,44/03;6,16,17,18/04	95171	1	21,37/03	96960	3	47/03;16/04	97230	18	28,33/03
94187	3	23,36,45,46/03;12,18/04	95172	1	21,32/03	96962	4	22,33/03;23,26/04	97231	11	23,33/03
94188	2	28/03	95173	1	28/03	97000	3	17,40/03	97232	9	7*/23/04
94201	1	24,28/03	95174	1	27/03	97005	9	47/03;17,27/04	97233	12	15*/17/04
94203	10	24,41,42/03	95176	2	30,35/03	97015	10	16,17/04	97234	17	16,41/03;7,22,24/04
94206	3	19,44/03;18/04	95180	11	21,23/03	97021	7	40/03;16,17,19,20,21,25/04	97235	2	52/03*
94207	5	N19/03	95185	2	35/03	97026	10	23/04	97236	20	16,23,35,41/03;13,22/04
94216	6	17,42,44,47/03;1,5/04	95200	6	23/03	97029	3	40/03;16/04	97237	6	41/03
94217	4	2,5/04	95243	4	15/04	97040	5	23,24/04	97238	11	12/04
94218	3	18/03;2,5,17/04	95250	4	16,20,22,36/03;19,26/04	97041	9	22/03	97239	10	16,23/03
94219	1	46/03;6/04	95258	3	16,18/03	97042	7	20/03;27/04	97241	6	1,23,27/04
94220	4	17,18,33,42,44,47/03;5,18/04	95261	7	16,23,28,36,47/03;14,21,26/04	97043	2	20/03	97243	8	21,27,33/03;14,22/04
94260	5	31/03	95262	13	27,36/03	97060	8	22,26/03;27/04	97245	11	29/03
94280	5	15,32/03	95264	8	25/03	97061	4	21/04*	97246	7	13,25/04
94281	6	42/03	95270	5	21/04*	97062	12	22,26,34,35/03;10,27/04	97251	4	17,36,52/03
94282	9	7,13/04	95271	4	20,26,36/03	97064	2	33,45/03	97261	15	18,21,26,44/03;1,13,22,23,24,27/04
94283	7	32/03;7,13,14/04	95273	2	12/04	97065	2	48/03*	97262	10	15,21,26,33,46/03;2,13,14,22/04
94290	2	31/03;7/04	95274	4	15*/25/04	97080	6	21*/24/04	97263	10	15,18,21,46/03;2,14/04
94322	14	47/03;6/04	95276	4	1*/26/04	97082	5	16,34/03;10/04	97266	5	15,18,26,42/03;1,2,7,23,27/04
94360	6	2,8,12,16,17/04	95280	10	21/04*	97083	3	29,34,35/03;27/04	97267	16	18,26,27,42/03;7,9,13/04
94361	13	15/03;2,8/04	95281	15	36,45/03	97100	4	16,17,26,49/03;16,17,24/04	97268	10	20/04
94363	4	16,18,29/03;15,17,21/04	95282	7	19,20,22,23/03;12,19/04	97101	2	50/03*	97269	11	18,27/03;7/04
94380	4	N18/03;N18/04	95285	3	18,20/03;12/04	97104	4	41/03	97270	6	7,13/04
94420	3	23,42,44,47/03;2,12,16/04	95300	6	21*,22,26/04	97105	3	41/03;17,24/04	97271	12	26,35,41,44/03;9,17,24/04
94421	10	12/04	95320	15	20,21,26,33,40/03;10,13,14,26/04	97108	4	50/03*	97272	11	23,37,47/03;1,9,13,19/04
94423	12	12/04	95341	8	40,44/03;10,13,14/04	97120	6	16,17,25,40,44,45,49/03	97273	11	34*/52/03;1,9/04
94440	2	18/03;23/04	95342	16	16,20/03;10,13/04	97140	17	16,25,40,44,45,46,49,52/03	97274	19	15,17,18,23,37,47,52/03;7,9,21/04
95016	8	21,24,25,26/04	96000	5	17,20/04	97141	5	20/03;6/04	97275	3	52/03*
95040	8	27/04	96004	14	16,25/04	97143	12	21/04*	97276	2	50/03*
95041	7	23,50/03	96016	7	51/03	97144	14	20,39,44,49/03;6/04	97277	12	21*/24/04
95043	2	27/04	96028	5	51/03;20/04	97145	1	25,40,45,47/03	97278	12	14/04*
95060	13	17,19,21,23,29,31,33/03;16,17,19,21/04	96032	3	34,51/03;20/04	97146	10	15,39/03	97279	9	27/03
95065	5	31/03	96036	2	36/03;15/04	97148	9	27/03	97281	3	50/03*
95066	11	17,19,21,23,25,27,31,32,33,37/03;6,17,21/04	96039	7	23,44/03;8,15/04	97149	20	16,25/03;12/04	97285	6	17,36/03;7,21/04
95067	13	17,23,28,37/03;17,20/04	96041	11	39,44,45/03;8,11,20/04	97150	13	20,27,42,49/03	97286	6	17,35,36,38/03;26/04
95068	1	17,25,28,29,37/03	96042	11	21,39,40,44,45/03;8,11,20,26/04	97151	16	16,20,25,49/03	97287	5	20/03
95080	13	17,19,21,24,25,27,28,30,31,32,48,52/03;16,17,19,20,21/04	96043	8	11/04	97153	8	52/03*	97300	6	25,26/03;6,22,27/04
95082	9	17,25,27,28,30,52/03;14,19,21/04	96044	10	23,38,51/03;2,7,20/04	97155	14	18,20,28/03;10,12,20/04	97303	3	45/03
95083	8	19,28/03	96080	6	25/04	97157	2	40/03*;1/04	97304	1	22/04
95084	7	17/03	96100	2	25/04	97158	5	50/03*	97320	6	25,46/03;6,14,21,22/04
95085	4	27,33/03	96120	6	21/03	97159	6	16,44,46,52/03	97340	8	16,17,18,22,36,46,47/03;9,14,24/04
95086	5	23,27,31,33/03	96181	5	25/04	97163	14	36/03;11/04	97341	9	16,21,47/03
95087	3	30,31/03;1/04	96320	4	51/03	97164	1	16,52/03	97342	14	17,18,22,27,43/03;24/04
95100	12	17,23,25,27,28,29,31,37/03;4,17,20,21/04	96340	4	45,51/03	97165	1	16,52/03	97343	12	17,25/03;9/04
95101	8	17,28,31/03;17,20/04	96381	2	50/03	97166	2	21/03;23/04	97345	2	50/03
95102	8	17,23,25,27/03;1/04	96382	2	21/03	97180	6	20,22,26,44/03;19/04	97360	6	18,27,43,45,47/03
95103	8	19,27,28,31/03	96440	3	11/04	97181	20	17,18,20,22,23,26,27,35,44,46/03;1,7,19/04	97380	7	16,23,38,40,45/03;17,23/04
95120	7	21,26/03	96441	1	50/03;20/04	97182	13	17,18,20,21,22,23,27,35,46/03;1,9,21,26/04	97381	7	27,43,45/03
95138	8	16,17,19,23,24,25,27,28,30,35,36/03;21/04	96480	3	51/03;11/04	97183	9	16,18,22,26,43,44/03	97382	2	42/03
			96500	6	39/03;8,25/04	97184	15	18,22,39,44/03	97383	16	42,46,47/03;22,25/04
			96520	7	8,20/04	97185	2	46/03	97384	4	19/03
			96521	3	21/03	97187	3	18/03;2,16/04	97385	10	46,47/03;22/04
						97188	3	50/03*;7,9/04	97387	2	42,46/03;10,25/04
						97189	2	18,22,39,43/03	97389	2	45*/47/03
						97190	2	19/04	97390	5	16,36/03;7,22/04
									97391	26	16/03

**CHARTS AFFECTED BY NOTICE TO MARINERS
NM 15/03 THROUGH NM 27/04**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;
* indicates New Edition/New Chart; ** indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.			
97392	5	21,23,26,33,38/03			
97396	14	16,17,23,33,38/03;2/04			
97397	7	16,26,44,49/03			
97398	4	43/03*;27/04			
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97420	17	33,38,40,45/03;1,13,14, 17,23,24/04			
97421	13	20,26,36/03			
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97425	6	45/03;1,2,23/04			
97440	8	16,19,27,43,47/03;9/04			
97441	5	47/03;14/04			
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97460	7	19,21,47/03;9,23,26/04			
97461	9	19,21,22,23,26/03;9, 26/04			
97465	9	19,20,22,33,37/03;6,12, 26/04			
97466	2	23,27/03			
97469	10	19,20,22,33,37/03;6, 12/04			
97471	5	N22,N33/03;N6,N10, N12/04			
97472	8	33/03			
97474	7	22/03;26/04			
97480	7	17,18,21/03;15,23/04			
97481	6	18,20/03			
97483	7	20/03;11/04			
97501	2	21*,23/04			
97521	6	16,18,20/03			
97564	3	16/03			
800669	8	N1,N16/04			
800744	1	N16,N36,N47,N50/03; N10/04			
801217	1	N19,N20,N22,N33, N37/03;N6,N12,N26/04			
801885	3	N34/03			
801902	9	N25,N31/03;N14/04			
801953	1	N39,N52/03			
802260	5	N1,N23/04			
803404	2	N8/04			
804059	2	N43/03			
804567	4	N31/03;N9/04			
805118	3	N36/03;N12,N24/04			
805647	2	N30/03;N8,N13/04			
805980	4	N23/04			
806927	8	N25,N30,N39/03			
807370	5	N17,N25,N30,N31, N39/03;N14/04			
807861	2	N22/03			
809055	7	N16/03;N25,N26/04			
809679	2	N27/03			

NGA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

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CDPUBSD193 (7644014665954)	<u>Skagerrak and Kattegat (Enroute), 2004</u>				<u>GPO</u>	10-19, 38	27/04

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COAST PILOT 2 (Continued)

Page 394—Paragraph 266, lines 6 to 8; read:
the harbor to the mouth of Matawan Creek. In August 2003, the dredged channel had a controlling depth of 4.8 feet (6.0 feet at midchannel).

(CL 172/04; BPs 182590-91) 27/04

Page 394—Paragraph 267, lines 2 to 4; read:
Harbor, is used mostly by local craft. In December 2003, the controlling depth was 4.0 feet to the first highway bridge, thence 2.6 feet to the Route 35 highway bridge, ...

(CL 172/04; BP 182592) 27/04

Page 395—Paragraph 272, lines 9 to 11; read:
above the jetties. In September 2003, the controlling depth was 5 feet, except an extensive severe shoal that bares gradually from about midchannel to the lower half of the east jetty.

(BPs 182600-02) 27/04

Page 406—Paragraph 60, lines 2 to 7; read:
in Tarrytown. In April 2004, the controlling depths in the dredged channel in Tarrytown Harbor were 7.4 feet (7.9 feet at midchannel) in the southwest connecting channel, thence 8.1 feet (8.7 feet at midchannel) in the northwest connecting channel, and 6.5 feet (7.1 feet at midchannel) in the water-front channel. An obstruction, ...

(CL 630/04; BPs 183323-25) 27/04

COAST PILOT 4 35 Ed 2003 Change No. 31
LAST NM 26/04

Page 152—Paragraph 2299, line 2; read:
Turtle River Channel.

§165.756 Regulated Navigation Area; Savannah River, Georgia.

(a) *Regulated Navigation Area (RNA)*. The Savannah River between Fort Jackson (32°04.93'N., 081°02.19'W.) and the Savannah River Channel Entrance Sea Buoy is a regulated navigation area. All coordinates are North American Datum 1983.

(b) *Definitions*. The following definitions are used in this section:

Bollard pull is an industry standard used for rating tug capabilities and is the pulling force imparted by the tug to the towline. It means the power that an escort tug can apply to its working line(s) when operating in a direct mode.

Direct Mode is a towing technique which is defined as a method of operation by which a towing vessel generates towline forces by thrust alone at an angle equal to or nearly equal to the towline, or thrust forces applied directly to the escorted vessel's hull.

Indirect Mode is a towing technique that, for the purpose of this section, is defined as a method of operation by which an escorting towing vessel generates towline forces by a combination of thrust and hydrodynamic forces resulting from a presentation of the underwater body of the towing vessel at an oblique angle to the towline. This method increases the resultant bollard pull, thereby arrest-

ing and controlling the motion of an escorted vessel.

LNG tankship means a vessel as described in 46 CFR 154.

Made-up means physically attached by cable, towline, or other secure means in such a way as to be immediately ready to exert force on a vessel being escorted.

Make-up means the act of, or preparations for becoming made-up.

Operator means the person who owns, operates, or is responsible for the operation of a facility or vessel.

Savannah River Channel Entrance Sea Buoy means the aid to navigation labeled R W "T" Mo (A) WHIS on the National Oceanic and Atmospheric Administration's (NOAA) Nautical Chart 11512.

Standby means immediately available, ready, and equipped to conduct operations.

Underway means that a vessel is not at anchor, not made fast to the shore, or not aground.

(c) *Applicability*. This section applies to all vessels operating within the RNA, including naval and other public vessels, except vessels that are engaged in the following operations:

- (1) Law enforcement or search and rescue operations;
- (2) Servicing aids to navigation;
- (3) Surveying, maintenance, or improvement of waters in the RNA; or
- (4) Actively engaged in escort, maneuvering or support duties for the LNG tankship.

(d) *Regulations*.

(1) *Requirements for vessel operations while a LNG tankship is underway within the RNA:*

(i) Except for a vessel that is moored at a marina, wharf, or pier, and remains moored, no vessel 1600 gross tons or greater may approach within two nautical miles of a LNG tankship that is underway within the RNA without the permission of the Captain of the Port (COTP).

(ii) All vessels under 1600 gross tons shall keep clear of transiting LNG tankships.

(iii) The owner, master, or operator of a vessel carrying liquefied natural gas (LNG) shall:

(A) Comply with the notice requirements of 33 CFR 160. Updates are encouraged at least 12 hours before arrival at the RNA boundaries. The COTP may delay the vessel's entry into the RNA to accommodate other commercial traffic. LNG tankships are further encouraged to include in their notice a report of the vessel's propulsion and machinery status and any outstanding recommendations or deficiencies identified by the vessel's classification society and, for foreign flag vessels, any outstanding deficiencies identified by the vessel's flag state.

(B) Obtain permission from the COTP before commencing the transit into the RNA.

(C) While transiting, make security broadcasts every 15 minutes as recommended by the U.S. Coast Pilot 4 Atlantic Coast. The person directing the vessel must also notify the COTP telephonically or by radio on channel 13 or 16 when the vessel is at the following locations: Sea Buoy, Savannah Jetties, and Fields

COAST PILOT 4 (Continued)

Cut.

(D) Not enter or get underway within the RNA if visibility during the transit is not sufficient to safely navigate the channel, and/or wind speed is, or is expected to be, greater than 25 knots.

(E) While transiting the RNA, the LNG tankship shall have sufficient towing vessel escorts.

(2) *Requirements for LNG facilities:*

(i) The operator of a facility where a LNG tankship is moored shall station and provide a minimum of two escort towing vessels each with a minimum of 100,000 pounds of bollard pull, 4,000 horsepower and capable of safely operating in the indirect mode, to escort transiting vessels 1600 gross tons or greater past the moored LNG tankship.

(ii) In addition to the two towing vessels required by paragraph (d)(2)(i) of this section, the operator of the facility where the LNG tankship is moored shall provide at least one standby towing vessel of sufficient capacity to take appropriate actions in an emergency as directed by the LNG vessel bridge watch.

(3) *Requirements for vessel operations while a LNG tankship is moored:*

(i) While moored within the RNA, LNG tankships shall maintain a bridge watch of appropriate personnel to monitor vessels passing under escort and to coordinate the actions of the standby-towing vessel required in paragraph (d)(2)(ii) of this section in the event of emergency.

(ii) Transiting vessels 1600 gross tons or greater, when passing a moored LNG tankship, shall have a minimum of two towing vessels, each with a minimum capacity of 100,000 pounds of bollard pull, 4,000 horsepower, and the ability to operate safely in the indirect mode, made-up in such a way as to be immediately available to arrest and control the motion of an escorted vessel in the event of steering, propulsion or other casualty. While it is anticipated that vessels will utilize the facility provided towing vessel services required in paragraph (d)(2)(i) of this section, this regulation does not preclude escorted vessel operators from providing their own towing vessel escorts, provided they meet the requirements of this part.

(A) Outbound vessels shall be made-up and escorted from Bight Channel Light 46 until the vessel is safely past the LNG dock.

(B) Inbound vessels shall be made-up and escorted from Elba Island Light 37 until the vessel is safely past the LNG dock.

(iii) All vessels of less than 1600 gross tons shall not approach within 70 yards of an LNG tankship.

(e) *LNG Schedule.* The Captain of the Port will issue a Broadcast Notice to Mariners to inform the marine community of scheduled LNG tankship activities during which the restrictions imposed by this section are in effect.

(f) *Waivers.* (1) The COTP may waive any requirement in this section, if the COTP finds that it is in the best interest of safety or in the interest of national security.

(2) An application for a waiver of these requirements must state the compelling need for the waiver and describe

the proposed operation and methods by which adequate levels of safety are to be obtained.

(g) *Enforcement.* Violations of this section should be reported to the Captain of the Port, Savannah, at (912) 652-4353. In accordance with the general regulations in §165.13 of this part, no person may cause or authorize the operation of a vessel in the regulated navigation area contrary to the provisions of this section.

(33 CFR 165; CL 570/04; FR 04/20/04) 27/04

**COAST PILOT 6 34 Ed 2004 Change No. 5
LAST NM 26/04**

Page 116—Paragraph 1706, line 7 to Paragraph 1707, line 1; read:

33 CFR 125.15.

Subpart F-Specific Regulated Navigation Areas and Limited Access Areas

§165.T09–012 Security and Safety Zone; M/V Spirit of Ontario, Lake Ontario and adjacent waters, New York.

(a) *Location.* (1) *Genesee River.* The following area is designated as a security and safety zone: all navigable waters 25 yards in all directions of the M/V Spirit of Ontario once the vessel is in the Genesee River upstream of line drawn between the Rochester Harbor Light and the East Pier Light.

(2) *Lake Ontario.* The following area is designated as a security and safety zone: all U.S. navigable waters of Lake Ontario 100 yards in all directions of the M/V Spirit of Ontario once the vessel is lake-side (in Lake Ontario) of line drawn between the Rochester Harbor Light and the East Pier Light.

(b) *Definition.* As used in this section, *Captain of the Port* means the Captain of the Port Buffalo. The Captain of the Port may authorize or designate any Coast Guard commissioned officer, warrant, or petty officer to act on his behalf as his representative.

(c) *Regulations.* In accordance with the general regulations in §165.33 of this part:

(1) No person or vessel may enter or remain in this zone without the permission of the District Commander or Captain of the Port.

(2) All persons within this zone must obey any direction or order of the District Commander or the Captain of the Port, or the Captain of the Port's designated representative, which will be the on-scene patrol commander.

(3) Vessels constrained by their draft such that they are required to enter the security and safety zone should only operate at the minimum speed necessary to maintain a safe course and must proceed as directed by the on-scene patrol commander or the master of the M/V Spirit of Ontario.

(4) When the M/V Spirit of Ontario approaches within 25 yards of any vessel, on the Genesee River, that is moored or anchored, the stationary vessel must stay moored or anchored while it remains within the security and safety zone unless it is either ordered by, or given permission by the Captain of the Port Buffalo or the on-scene patrol commander to do otherwise.

COAST PILOT 6 (Continued)**§165.901 Great Lakes-regulated navigation areas.**

(a) *Lake Huron*. The following are regulated navigation
...
(FR 4/30/04) 27/04

**COAST PILOT 7 36 Ed 2004 Change No. 12
LAST NM 24/04**

Page 8—Paragraph 144, lines 14 to 17; read:
lightships, buoys, fog signals, and electronic aids.
(NOS/04) 27/04

Page 177—Paragraph 2977, line 3; read:
zone by local law enforcement as necessary.

§165.1185 Regulated Navigation Area; San Francisco Bay, San Pablo Bay, Carquinez Strait, Suisun Bay, Sacramento River, San Joaquin River, and connecting waters in California.

(a) *Location*. All waters of San Francisco Bay, San Pablo Bay, Carquinez Strait, Suisun Bay, Sacramento River, San Joaquin River, and connecting waters in California are a Regulated Navigation Area.

(b) *Definitions*. “Liquefied hazardous gas (LHG)” is a liquid containing one or more of the products listed in Table 127.005 of 33 CFR 127.005 that is carried in bulk on board a tank vessel as a liquefied gas product. The hazards normally associated with these products include toxic or flammable properties or a combination of both.

(c) *Regulations*. All vessels loaded with a cargo of liquefied hazardous gas (LHG) within this Regulated Navigation Area must proceed directly to their intended cargo reception facility to discharge their LHG cargo, unless:

(1) The vessel is otherwise directed or permitted by the Captain of the Port. The Captain of the Port can be reached at telephone number 415-399-3547 or on VHF-FM channel 16 (156.8 MHz). If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(2) The vessel is in an emergency situation and unable to proceed as directed in paragraph (a) of this section without endangering the safety of persons, property, or the environment.

§165.1187 Security Zones; Golden Gate Bridge and the San Francisco-Oakland Bay Bridge, San Francisco Bay, California.

(a) *Location*. All waters extending from the surface to the sea floor, within 25 yards of all piers, abutments, fenders and pilings of the Golden Gate Bridge and the San Francisco-Oakland Bay Bridge, in San Francisco Bay, California.

(b) *Regulations*. (1) In accordance with the general regulations in §165.33 of this part, entry into these security zones is prohibited, unless doing so is necessary for safe navigation, to conduct official business such as scheduled maintenance or retrofit operations, or unless specifically authorized by the Captain of the Port San Francisco Bay or his designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 415-399-3547 or on VHF-FM channel 16 (156.8

MHz) to seek permission to transit the area. If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(c) *Enforcement*. All persons and vessels shall comply with the instructions of the Coast Guard Captain of the Port or the designated on-scene patrol personnel. Patrol personnel comprise commissioned, warrant, and petty officers of the Coast Guard onboard Coast Guard, Coast Guard Auxiliary, local, state, and federal law enforcement vessels. Upon being hailed by U.S. Coast Guard patrol personnel by siren, radio, flashing light, or other means, the operator of a vessel shall proceed as directed.

(FR 5/27/04; CL 298/04; FR 3/10/04) 27/04

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME I LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14685	<i>Collier Ledge Lighted Isolated Danger Buoy DCL</i>	41 35 44 N 70 21 06 W	FI (2) W 5s		6	Black and red bands with (2) black spherical topmarks.	Replaced by can when endangered by ice.
		*			*		27/04
Thames River							
22105	ALLYN POINT LIGHT 22	41 26 37 N 72 05 03 W	FIR 4s	24	3	TR on pipe tower on concrete base.	
					*		27/04
22230	SAND PIER LIGHT 47	41 30 13 N 72 05 05 W	FIG 2.5s	16		SG on pipe tower on concrete base.	
					*		27/04
29042	- BREAKWATER LIGHT 2	40 50 18 N 72 28 29 W	FIR 2.5s	36	4	TR on tower.	
					*		27/04
Sandy Hook Channel							
35085	<i>Scotland Lighted Whistle Buoy S</i>	40 26 30 N 73 55 00 W	Mo (A) W		7	Red and white stripes with red spherical topmark.	RACON: M (- -). HORN: 1 blast ev 30s (3s bl).
			*		*		27/04
40080	- LIGHT 35	43 34 58 N 73 25 18 W	FIG 4s	25	4	SG on skeleton tower on concrete base.	
					*		27/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*16603	- Daybeacon 11					SG on pile.	
							27/04
29071	- Warning Daybeacon NG						<i>Remove from list.</i>
							*
							27/04
29077	- Daybeacon 12					TR on pile.	
	*					*	27/04
*34805.1	- Buoy 2A					Red nun.	
							27/04
34806	- Buoy 2B					Red nun.	
	*					*	27/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME III LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3970	- Bar Buoy B	32 23 45 N 80 21 16 W				Red and white stripes with red spherical topmark; can.	
	*	*					27/04
4695	- Lighted Buoy 5		FI G 6s		4	Green.	
	*			*		*	27/04
4700	- Lighted Buoy 6		FI R 6s	16	4	Red.	
	*					*	27/04
CAPE CANAVERAL TO BETHEL SHOAL (Chart 11476)							
Canaveral Harbor							
9575	- APPROACH CHANNEL RANGE FRONT LIGHT	28 25 00 N 80 35 06 W	FI W 2.5s	25		On skeleton tower.	Visible 1.5° each side of range line.
			*			*	27/04
9580	- APPROACH CHANNEL RANGE REAR LIGHT 2,000 yards, 310° from front light.		Iso W 6s	82		On skeleton tower.	Visible 1.5° each side of range line.
						*	27/04
*23553	- LIGHT 1A		FI G 2.5s		3	SG on pile.	
							27/04
*23573	- Buoy 13					Green can.	
							27/04
26385	- Daybeacon 6S						<i>Remove from list.</i>
							* 27/04
26395	- Daybeacon 8S						<i>Remove from list.</i>
							* 27/04

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
3195	- Lighted Buoy 3	30 06 53 N 85 44 27 W	FI G 2.5s		4	Green.	
		*					27/04
3200	- Lighted Buoy 4	30 06 49 N 85 44 24 W	FI R 2.5s		4	Red.	
		*					27/04
9079.05	SQUARE HANDKERCHIEF SHOAL LIGHT 2	30 16 00 N 89 18 57 W	FI R 2s	17	4	TR on pile.	
		*					27/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
Tchefuncta River							
10140	- RANGE FRONT LIGHT	30 22 43 N 90 10 10 W	Q W	25		KRW on dolphin.	Visible all around; higher intensity on rangeline.
			*	*			27/04
10445	TICKFAW RIVER LIGHT 1	30 20 30 N 90 28 30 W	FI G 4s	17	4	SG on dolphin.	
				*			27/04
10565	- <i>Lighted Buoy 1</i> 200 yards outside channel limit.	29 25 21 N 88 59 24 W	FI G 4s		4	Green.	
		*					27/04
22615 1170	- <i>Entrance Channel Approach Lighted Buoy GB</i>	29 18 21 N 94 37 36 W	Mo (A) W FI W 2.5s		7 9	Red and white stripes with red spherical topmark.	RACON: G (– – –). High intensity flash tube: FI W 2.5s.
		*					27/04
Anahuac Channel							
24600	- LIGHT 1 50 feet outside channel limit.	29 41 58 N 94 44 09 W	FI G 6s	17	4	SG on dolphin.	
		*					27/04
UPPER GALVESTON BAY (Chart 11327)							
Dickinson Bayou Channel							
24895	- Daybeacon 1	29 28 04 N 94 51 32 W				SG on pile.	Ra ref.
		*					27/04
CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004							
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
185	Anacapa Island Light	34 00 56 N 119 21 34 W	FI (2) W 60s 0.3s fl 14.7s ec. 0.3s fl 44.7s ec.	277	20	White cylindrical tower. 55	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 15s (2s bl). Operates continuously.
		*	*				27/04
200	Point Conception Light	34 26 54 N 120 28 12 W	FI W 30s	133	20	White tower behind building. 52	Emergency light of reduced intensity when main light is extinguished. HORN: 1 blast ev 30s (3s bl). Operates continuously.
					*		27/04
5130	SAN FRANCISCO BAY SOUTH CHANNEL LIGHT 8	37 36 16 N 122 17 29 W	FI R 4s	15	4	TR on pile.	
		*					27/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO C. G. LIGHT LIST, VOLUME VI LIGHT LIST, 2004

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
6095	- LIGHT 2	38 04 11 N 122 14 41 W	FI R 2.5s	20	5	TR on pile.	
		*					27/04
25145	Highwater Island Shoal Lighted Buoy 23	57 16 51 N 135 36 08 W	FI G 4s		4	Green.	
					*		27/04
25460	KOKENHENIC BAR CHANNEL LIGHT K	60 13 32 N 145 09 39 W	FI W 4s	12	6	NR on skeleton tower.	Maintained from May 1 to Oct. 1.
		*					27/04
27510	NOAA Data Lighted Buoy 46072	51 37 47 N 172 07 47 W	FI (4) Y 20s			Yellow boat-shaped hull.	
		*	*				27/04
27829	St. Paul Island Approach Buoy 2	57 07 34 N 170 18 00 W				Red nun.	
		*					27/04
*28890	- Wailea Point UH Data Lighted Buoy 098	21 25 00 N 157 40 00 W	FI Y 20s			Yellow spherical buoy.	Private aid.
							27/04
*29734.5	- Wailea Point UH Data Lighted Buoy 106	21 40 22 N 157 06 57 W	FI Y 20s			Yellow spherical buoy.	Private aid.
							27/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
ISLA MOCHA:							
1488 <i>G 1752</i>	-N. on Cerro Los Chinos.	38° 20.0' S 73° 57.0' W	Fl.W. period 5s fl. 0.1s, ec. 4.9s	220 67	14	White fiberglass tower, red band; 26.	Visible 014°-287°.
					*		27/04
*1490	-Mocha Weste.	38° 22.1' S 73° 57.4' W	Fl.W. period 15s fl. 0.3s, ec. 14.7s	98 30	15	White concrete tower, red band; 42.	Visible 021°-159°.
							27/04
*1798	Caleta Cheguian.	42° 34.7' S 73° 24.1' W	Fl.W. period 5s fl. 1s, ec. 4s	16 5	9	White fiberglass tower, red band; 11.	Visible 356°-098°.
							27/04
*1826	-Punta Garcia.	42° 56.0' S 72° 48.5' W	Fl.W. period 5s fl. 1s, ec. 4s	16 5	9	White fiberglass tower, red band; 11.	Visible 117°-290°.
							27/04
2484 <i>G 1420</i>	-Punta Baxa.	52° 34.9' S 69° 36.3' W	Al.Fl.(6)W.Y. period 30s W. fl. 0.4s, ec. 4.6s W. fl. 0.4s, ec. 4.6s W. fl. 0.4s, ec. 4.6s W. fl. 0.4s, ec. 4.6s Y. fl. 0.4s, ec. 4.6s Y. fl. 0.4s, ec. 4.6s	105 32	W. 17 Y. 16	White fiberglass tower, red bands, blue base: 26.	Visible 015°-192°. Radar reflector.
							* 27/04

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
18116 <i>F 4118</i>	-Chamae Do.	38° 40.8' N 124° 58.6' E	Fl.W. period 18s	138 42	17	White round concrete structure; 31.	Visible 359°-279°. Horn.
		*			*		27/04
18120 <i>F 4119</i>	-Toku Somu.	38° 45.2' N 124° 58.2' E	Fl.W. period 15s	302 92	10		
		*		*			27/04
18132 <i>F 4126</i>	-P'i Do.	38° 40.9' N 125° 10.6' E	Fl.(2)W. period 3s	282 86	25	White square concrete tower; 108.	
		*	*		*		27/04
*30387.2 <i>E 8361</i>	-SE.	27° 51.4' N 33° 42.7' E	Mo.(U)W. period 15s	39 12	5	Platform.	Horn: Mo.(U) ev. 30s.
	-RACON		O(--)				27/04

Note: Asterisks (*) indicate that column(s) in which a correction has been made or new information added.
Denotes a new entry when preceding the station number.

SECTION II

CORRECTIONS TO PUB 112, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
31964 <i>D 6482</i>	Durnford Point.	28° 55.0' S 31° 55.3' E	Fl.(3+1)W. period 40s	161 49	18	White metal framework tower, white square daymark; 39.	Visible 246°-070°.
	RACON		O(---)		12		27/04
		*					

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4492 <i>E 0106</i>	Cabo de Gata.	36° 43.4' N 2° 11.5' W	Fl.W.R. period 4s fl. 0.2s, ec. 3.8s	180 55	W. 24 R. 20	White truncated tower, gray lantern; 62.	R. 316°-356°, W.-316°. Horn: Mo.(G) ev. 40s (bl. 4.5s, si. 2s, bl. 4.5s, si. 2s, bl. 1.5s, si. 25.5s).
							* 27/04
10528 <i>E 2058</i>	-St. Paul's Bay, jetty, root.	35° 56.9' N 14° 23.4' E	Fl.R. period 2s	26 8	2		
	*		*			*	27/04
14338 <i>E 3732.5</i>	-Kepi Gjuhezes.	40° 25.3' N 19° 17.6' E	Fl.W. period 6s fl. 1s, ec. 5s	190 58	11	White post and bunker.	
			*		*	*	27/04
14344 <i>E 3727</i>	-Kep i Trepoteve, E. shore.	40° 30.7' N 19° 23.8' E	Fl.(2)W. period 8s fl. 1s, ec. 1s fl. 1s, ec. 5s	230 70	9	White octagonal stone tower; 33.	
			*				27/04
14351 <i>E 3729.5</i>	-Kepi i Kalase.	40° 24.9' N 19° 28.9' E	Fl.W. period 10s fl. 1.5s, ec. 8.5s	144 44	11	White square tower; 20.	
	*		*		*	*	27/04
14352 <i>E 3732</i>	-Shen Vasilit.	40° 23.0' N 19° 24.0' E	Fl.(3)W. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	246 75	8	White octagonal tower; 20.	
			*		*		27/04
14360 <i>E 3731</i>	-Gji Dukatit, on Kep i Pasha Liman.	40° 19.7' N 19° 25.2' E	Fl.(2)W. period 5s fl. 0.5s, ec. 1s fl. 0.5s, ec. 3s	69 21	8	White quadrangular masonry tower; 26.	
		*	*		*		27/04
22076 <i>E 6422</i>	--N. head.	37° 16.9' N 9° 53.9' E	Fl.(2)R. period 10s fl. 1s, ec. 1s fl. 1s, ec. 7s	33 10	2	Red tower; 26.	
				*	*		27/04

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SECTION II

CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
22300 <i>E 6552</i>	-Jeteo Sud.	36° 49.5' N 5° 46.8' E	Fl.R. period 4s	23 7	4	Red column; 10.	
			*				27/04
22348 <i>E 6584</i>	-Pointe de Dellys.	36° 55.4' N 3° 55.4' E	F.R.	135 41	15	Yellow tower, red lantern; 26.	Visible 066°-336°, obscured by Cap Bengut southward of 094°.
	*				*		27/04
22512 <i>E 6656</i>	Pointe Colombi.	36° 26.7' N 0° 56.5' E	Fl.(3)W. period 15s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 2.8s fl. 0.2s, ec. 8.8s	197 60	26	Yellow square tower on red building; 95.	
					*	*	27/04
CASABLANCA:							
23084	-Approach Buoy "CA1".	33° 39.5' N 7° 34.6' W	Iso.W. period 4s			SAFE WATER RW, spherical, topmark.	Radar reflector.
	-RACON		O(---)				
	*		*			*	27/04

CORRECTIONS TO PUB 113, RADIOBEACONS, 2003 EDITION

(1) No.	(2) Name	(3) Position	(4) Characteristic	(5) Range	(6) Sequence	(7) Frequency	(8) Remarks
410	Cabo de Gata Light Station						Remove from list.
							* 27/04

CORRECTIONS TO PUB 114, LIST OF LIGHTS, 2004 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
BANNFF BAY:							
2812 <i>A 3348</i>	-Macduff pier, head.	57° 40.3' N 2° 29.9' W	Fl.(2)W.R.G. period 6s fl. 1s, ec. 1s fl. 1s, ec. 3s	39 12	W. 9 R. 7	White tower; 36.	G. shore-115°, W.-174°, R.-210°.
							* 27/04
8080 <i>A 1638</i>	Cap de Carteret.	49° 22.4' N 1° 48.4' W	Fl.(2+1)W. period 15s fl. 0.3s, ec. 2.3s fl. 0.3s, ec. 5.9s fl. 0.3s, ec. 5.9s	265 81	26	Square gray tower, green top; 59.	
							* 27/04
8988 <i>A 1121</i>	-Ancienne Jetty, W.	51° 03.4' N 2° 21.5' E	Q.W.	36 11	7	N. CARDINAL BY beacon on hut; 46.	
					*	*	27/04

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SECTION II

CORRECTIONS TO PUB 115, LIST OF LIGHTS, 2003 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
* L 0942.1	6433 -Litleholmen.	62° 38.2' N 6° 31.6' E	Q.R.				27/04
* L 0930.3	6513 Fraenfjorden, Haskjaeret.	62° 49.9' N 7° 02.6' E	F.I.G. period 3s				27/04
* L 0971.3	6514 -Nesaflua.	62° 50.1' N 7° 02.5' E	Q.R.				27/04

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SECTION II

NM 27/04

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 27/04

Note: * indicates New Edition/New Publication; ** indicates Publication Canceled; N indicates Not For Sale

NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.	NGA Reference No.	Ed.	Notice to Mariners No.
NGA HYDRO CATALOG C ATP2V01U			CDPUBSD191	2003	52/03*	COMDTM165022	2004	23*,24,25,26,27/04
Region 1	2002	1* 2,3,4,7,8,9,10,11,14,15,17,19,20,21,22,23,24,25,26,27,28,29,30,31,32,35,36,37,38,39,40,41,42,43,44,45,46,47,48,50,51,52/03;1,2,3,5,6,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26/04	CDPUBSD192	2003	32*,36,38,39,40,41,42,43/03	COMDTM165023	2004	23*,24,25,26,27/04
			CDPUBSD193	2004	27/04*	COMDTM165024	2004	23*,24,25,26,27/04
			CDPUBSD194	2002	6*,8,15,17,30,33,35,37,38,39,40/03	COMDTM165025	2004	22/04*
			SDPUB120	2001	12*,18,48,49,51/01;8,13,14,21,22,24,29,33,35,37,42,43,44,45,47/02;4,6,7,8,9,10,11,12,14,17,20,21,23,29,30,31,41,42,44,45,52/03;5,9,12,14,15/04	COMDTM165026	2004	22*,23,24,25,26,27/04
						COMDTM165027	2004	22*,23,24,25,26/04
Region 2	2002	1* 8,15,17,20,21,22,23,24,26,28,30,32,33,34,44,48,52/03;2,3,5,7,10,11,14,15,20,22,24,25/04	SDPUB123	2001	45*,47,48/01;1,14,17,18,19/02;24,25,27,28,32,38,42/03	FLEET GUIDES		
Region 3	2002	1/03*;19,23,24/04	SDPUB126	2002	39*,41,42,43,44,45,48/02;24,26,27,28,30,32,41/03;12,16,23,24,25/04	CDPUBFGPAC	2004	N17/04*
Region 4	2002	1* 23,43/03				FGPUB940ATL	2001	N47/01*
Region 5	2002	1* 3,5,8,22,27,30,33,38,48/03;1,9,10,14,20/04	SDPUB141	2001	21*,38/01	NOS MISCELLANEOUS PUBLICATIONS		
Region 6	2002	1* 10,11,13,16,19,20,21,25,28,30,33,38,50/03;11/04	SDPUB147	2001	35/01*;21,22,23,24/02;39,40,41,46,50/03;10,12,15,19/04	NOSPBCATALOG2	2000	34/00*
Region 7	2002	1* 11,15,28/03				NOSPBCATALOG3	2000	28/00*
Region 8	2002	1* 14,37,41,46,52/03	SDPUB148	2001	48/01*;23,24/02;22,42,43,45,48,50,52/03;5,13,14,22/04	NOSPBCATALOG4	2000	34/00*
Region 9	2002	1* 34,40,43,45,48,50,51,52/03;1,7,11,14,15,21/04	SDPUB154	2002	17*,19,31,42,44,45,46,48,50/02;3,14,19,23,30,41,42,47/03;10,12,13,16,19,20/04	NOSPBCATALOGA	2003	19/04*
Miscellaneous Charts and Publications	2002	1* 2,4,5,6,7,9,11,12,13,15,17,18,19,20,21,23,24,25,27,28,29,30,31,32,33,34,36,37,38,39,41,42,43,45,46,47,48,49,51,52/03;1,4,5,6,7,9,10,11,13,14,16,17,18,19,20,21,22,23,24,25,26,27/04	SDPUB155	2001	31*,48/01;10,45,46/02	NOSPBCATALOGG	2003	19/04*
			SDPUB159	2002	42*,48/02;10,13,15/04	ALMANACS		
			SDPUB161	2002	23*,24,44,47,48/02;5,12/03;10,14/04	AIRALMANAC401	2004	29/03*
			SDPUB162	2001	51/01*;5,12/03;12/04	NAUTALMANAC04	2004	29/03*
			SDPUB163	2002	18*,20,21,26,46,51/02;13,24,26,27,28,29,30,31,39,40,41,43,47,48/03;12,16,23,24/04	COAST PILOT		
			SDPUB171	2001	40*,47,48,52/01;5,9,14,16,41/02;23,24,26,41/03	NOSPBCP1	34	18*,21,24/04
			SDPUB172	2001	1* 2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1,11,12,13,14,15,19,20,22,23,25,26,27,28,29,31,32,33,34,35,37,38,39,40,43,44,45,46,47,48,51/03;1,2,3,4,5,8,9,12,13,14,17,19,20,21,22,24/04	NOSPBCP2	33	5*,6,9,20,25,26,27/04
						NOSPBCP3	37	14*,18,21,25/04
						NOSPBCP4	35	34*,36,39,42,44,46,47,51/03;6,7,8,9,11,12,19,20,21,24,26,27/04
			SDPUB173	2002	50*,51/02;3,22,24,25,26,27,32,33,34,37,38,49,50,51/03;13,16,17/04	NOSPBCP5	31	51*,52/03;1,7,8,9,10,12,13,15,17,18/04
			SDPUB175	2001	41*,43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02;26,27,29,32,37,38,43,47/03	NOSPBCP6	34	13*,18,19,25,26,27/04
			SDPUB180	2002	32*,33,42,47,48,50/02;6,13,14,17,21,24,42,44,47,48,49,51/03;19,21/04	NOSPBCP7	36	18*,19,20,21,23,24,27/04
			SDPUB181	2002	38*,39/02	NOSPBCP8	25	32*,33,34,39,42,48,51/03;1,7,8,10,17,18,20,21,22,23/04
			SDPUB182	2001	8*,10,12,41/02;17/03	NOSPBCP9	21	30*,32,33,36,39,42,48,51/03;8,18,19,20,23,25,26/04
			SDPUB183	2001	27/01*;13,15,16/02;18/03	RADIO NAVIGATIONAL AIDS		
			SDPUB195	2002	33*,40,49,51,52/02;1,2,3,15,16,21,32,33,41,43,46,49/03;1,12,23/04	RAPUB117	2002	50/02*;13/03
			SDPUB200	2002	38*,39,42/02;22,27,34,41,51,52/03;27/04	AMERICAN PRACTICAL NAVIGATOR		
						NVPUB9	2002	36/02*;14,38/03
						INTERNATIONAL CODE OF SIGNALS		
						CDPUBNV102	2003	20/03*
						WORLD PORT INDEX		
						NVPUB150	2000	50/00*;14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2,7,10,15,20/03
						DISTANCES BETWEEN PORTS		
						NVPUB151	2001	4/02*
						RADAR NAVIGATION AND MANEUVERING BOARD MANUAL		
						CDPUBNV1310	2001	51/01*
						SIGHT REDUCTION TABLES (MARINE)		
						SRPUB229V1	1970	11/71*
						SRPUB229V2	1970	11/71*
						SRPUB229V3	1970	7/71*
						SRPUB229V4	1970	3/71*
						SRPUB229V5	1970	3/71*
						SRPUB229V6	1970	23/70*
						SIGHT REDUCTION TABLES (AIR)		
						SRPUB249V1	2000	4/01*
SAILING DIRECTIONS			USCG LIGHT LIST VOLUMES I - VII					
CDPUBSD124	2004	25/04*	COMDTM165021	2004	22*,23,24,25,27/04			
CDPUBSD125	2004	27/04*						
CDPUBSD127	2003	39/03*						
CDPUBSD131	2002	9/03*						
CDPUBSD132	2003	6/04*						
CDPUBSD140	2003	25/04*						
CDPUBSD142	2004	24/04*						
CDPUBSD143	2003	46/03*						
CDPUBSD145	2003	51/03*						
CDPUBSD146	2002	4/03*						
CDPUBSD153	2003	26/04*						
CDPUBSD157	2003	17/03*						
CDPUBSD158	2003	24/03*						
CDPUBSD160	2004	25/04*						
CDPUBSD164	2003	16/04*						
CDPUBSD174	2004	26/04*						

SECTION II
PUBLICATIONS AFFECTED BY NOTICE TO MARINERS
THROUGH NM 27/04

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NGA Reference No.	Ed.	Notice to Mariners No.
SRPUB249V2	1952	46/52*
SRPUB249V3	1952	46/52*
CHART NO. 1		
WOBZC1	1997	18/98*
CHART NO. 4		
WOBZC4	1988	N23/91*
ATLAS OF PILOT CHARTS		
NVPUB106	2002	42/03*
NVPUB107	1998	30/99*
NVPUB109	2001	49/02*
USCG NAVIGATION RULES		
COMDTM166722D	1999	44/99*;52/00;16/04
NOS TIDE TABLES		
NOSPBTTWCWPACIN4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
NOSPBTTTEURAFR4	2004	N1/04*
NOSPBTTWCSTNSA4	2004	N1/04*
TIDAL CURRENT TABLES		
NOSPBTCATCSTN4	2004	N1/04*
NOSPBCTPACAS4	2004	N1/04*

BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

NAVAREA IV

Messages in force 171100Z June 2004:

2003 series	2004 series	184(11)	192(14)	198(11)	201(25)
108(26,27)	128(26)	188(11,26)	194(11,12,26)	199(GEN)	202(GEN)
387(GEN)	182(38)	190(11)	197(11,26)	200(11)	

The summary of all NAVAREA IV messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

NAVAREA IV WARNINGS issued from 101100Z to 171100Z June 2004.

194/04(11,12,26). NORTH ATLANTIC. GPS SATELLITE SYSTEM.

1. GPS UNRELIABLE 111500Z TO 111800Z,
131200Z TO 131600Z, 141800Z TO 142100Z,
171300Z TO 171700Z, 182100Z TO 190001Z,
192300Z TO 200200Z AND 201800Z TO 202100Z JUN
WITHIN 85 MILES OF 35-05N 075-57W.
2. CANCEL NAVAREA IV 193/04.
3. CANCEL THIS MSG 202200Z JUN.

(100001Z JUN 2004)

195/04 and 196/04. CANCELED.

197/04(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
 - A. 0400Z TO 0359Z COMMENCING DAILY
14 THRU 21 JUN IN AREA BOUND BY
30-45N 080-54W, 30-45N 080-11W,
30-36N 080-11W, 30-33N 080-55W.
 - B. 1000Z TO 1600Z DAILY
15 THRU 17 JUN IN AREA BOUND BY
30-10N 080-20W, 30-10N 079-00W,
29-15N 079-00W, 29-15N 080-20W.
 - C. 0400Z TO 0359Z COMMENCING DAILY
14 THRU 21 JUN IN AREA BOUND BY
29-20N 079-50W, 29-20N 079-40W,
29-10N 079-40W, 29-10N 079-50W.
 - D. 2000Z TO 0359Z COMMENCING DAILY
15 THRU 18 JUN IN AREA BOUND BY
30-00N 081-00W, 30-00N 080-50W,
29-50N 080-50W, 29-50N 081-00W.
 - E. 0400Z TO 1400Z DAILY
16 THRU 18 JUN IN AREA BOUND BY
30-00N 081-00W, 30-00N 080-50W,
29-50N 080-50W, 29-50N 081-00W.
 - F. 1000Z TO 0001Z COMMENCING DAILY
15 THRU 18 JUN IN AREA BOUND BY
31-10N 080-40W, 31-10N 080-30W,
30-50N 080-30W, 30-50N 080-40W.
 - G. 151930Z TO 152130Z JUN IN AREA BOUND BY
31-30N 080-10W, 31-30N 080-00W,
31-30N 080-00W, 31-10N 080-10W.
2. CANCEL THIS MSG 210459Z JUN.

(111456Z JUN 2004)

198/04(11). GEORGIA. NAVTEX.
NAVTEX STATION SAVANNAH OFF AIR.

(140200Z JUN 2004)

199/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE 171200Z TO 180001Z JUN.
2. CANCEL THIS MSG 180101Z JUN.

(141155Z JUN 2004)

200/04(11). GULF OF MEXICO.

1. DANGEROUS WRECK IN 28-31.2N 083-55.9W.
2. CANCEL NAVAREA IV 191/04.

(141620Z JUN 2004)

201/04(25). LESSER ANTILLES.

1. DERELICT VESSEL ADRIFT IN 17-54.7N 062-41.1W
AT 121830Z JUN.
REPORTS TO MRCC FORT DE FRANCE, TELEX: 912008,
PHONE: 596 70 92 92, FAX 596 63 24 50.
2. CANCEL THIS MSG 21 JUN.

(150007Z JUN 2004)

202/04(GEN).

1. NAVAREA IV MESSAGES IN FORCE 160800Z JUN 2004. ONLY THOSE
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
2004 SERIES: 182(38), 184(11), 188(11,26), 190(11), 192(14),
194(11,12,26), 197(11,26), 198(11), 199(GEN), 200(11), 201(25),
202(GEN).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 11 DEC 2003
IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE
SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
3. CANCEL NAVAREA IV 195/04.

(162045Z JUN 2004)

SECTION III

NM 27/04

HYDROLANTS

Messages in force 171100Z June 2004:

2002 series	2409(54)	650(55)	918(24)	981(57)	1021(55)
245(GEN)	2410(54)	668(56)	927(53)	997(53)	1022(56)
246(GEN)	2413(54)	673(51)	928(53)	1002(55)	1023(52,53)
2003 series	2414(54)	801(51,52)	929(53)	1003(24)	1024(53)
604(26,27)	2416(54)	805(24)	939(GEN)	1005(55)	1025(24)
1242(24)	2418(52)	811(55)	940(43)	1006(53)	1027(24)
1422(53)	2419(54)	843(36)	945(54)	1007(55)	1028(37)
1472(35)	2420(54)	850(24)	946(55)	1010(53)	1029(GEN)
1999(23)	2004 series	858(56)	952(35)	1012(24)	1030(23)
2203(53)	224(24)	867(53)	967(24)	1015(GEN)	1031(23)
2297(24)	272(24)	868(55)	968(35)	1016(23)	
2406(54)	505(52,53)	869(55)	976(38)	1018(43)	
2407(54)	631(37)	908(51)	977(35)	101924	
2408(54)	649(55)	913(37,51)	979(51)	1020(55)	

The summary of all HYDROLANTS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

HYDROLANT WARNINGS issued from 101100Z to 171100Z June 2004.

997/04(53). MALTA.

NAVIGATION PROHIBITED UNTIL FURTHER NOTICE
IN 35-47.2N 014-24.5E TO NON-COMMERCIAL VESSELS
AND OTHER VESSELS 50 METERS OR LESS IN LENGTH.

(091207Z JUN 2004)

998/04 thru 1001/04. CANCELED.

1002/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0500Z TO 1100Z
DAILY 15 THRU 17 JUN IN AREA BOUND BY
44-43.8N 032-52.2E, 44-34.8N 032-37.4E
44-39.0N 032-11.5E, 44-48.4N 032-08.2E
45-00.2N 032-14.2E, 44-52.2N 032-41.6E
2. CANCEL THIS MSG 171200Z JUN.

(101112Z JUN 2004)

1003/04(24). BRAZIL-EAST COAST.

CHART 24230 (20TH ED).
DGPS STATION AT PONTA DE CALCANHAR LIGHT 05-09.7S 035-29.1W INOPERATIVE.

(101340Z JUN 2004)

1004/04. CANCELED.

1005/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 130900Z TO 131400Z AND
180900Z TO 131600Z JUN IN AREA BOUND BY
44-09.2N 033-30.2E, 44-04.0N 033-30.2E,
44-04.0N 033-09.0E, 44-13.0N 033-09.0E.
2. CANCEL THIS MSG 181700Z JUN.

(102335Z JUN 2004)

1006/04(53). TYRRHENIAN SEA.

1. SURVEY OPERATIONS BY M/V CERTAMEN TOWING 1500 METER
LONG CABLE:
A. IN PROGRESS UNTIL 152200Z JUN ALONG TRACKLINE BETWEEN
36-55.5N 007-45.6E AND 38-10.1N 008-27.6E.
B. 152201Z TO 252200Z JUN ALONG TRACKLINE BETWEEN
37-13.4N 009-52.4E AND 38-03.0N 010-25.0E.
C. 252201Z UNTIL FURTHER NOTICE ALONG TRACKLINE BETWEEN
38-19.0N 013-15.0E AND 38-24.0N 012-30.0E.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 993/04.

(110032Z JUN 2004)

1007/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 1500Z TO 1930Z DAILY 15 THRU 17 JUN
IN AREA BOUND BY 45-03.5N 036-22.5E, 44-52.1N 036-22.5E,
44-49.6N 035-50.5E, 44-59.9N 035-50.5E.
2. CANCEL THIS MSG 172030Z JUN.

(110905Z JUN 2004)

1008/04 and 1009/04. CANCELED.

1010/04(53). TYRRHENIAN SEA.

1. UNDERWATER OPERATIONS 15 JUN THRU 31 JUL
IN 38-24N 15-50E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 700/04.
3. CANCEL THIS MSG 01 AUG.

(112016Z JUN 2004)

1011/04. CANCELED.

1012/04(24). BRAZIL-EAST COAST.

- CHART 24190 (15TH ED).
1. ILHEUS LIGHT 14-48.4S 039-01.5W UNLIT.
 2. CANCEL HYDROLANT 995/04(23).

(120448Z JUN 2004)

1013/04 and 1014/04. CANCELED.

1015/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE 171200Z TO 180001Z JUN.
2. CANCEL HYDROLANT 988/04(37), OPERATIONS COMPLETED.
3. CANCEL HYDROLANT 999/04(55).
4. CANCEL THIS MSG 180101Z JUN.

(141135Z JUN 2004)

1016/04(23). SOUTH ATLANTIC.

1. ICEBERGS SIGHTED IN AREA BETWEEN
48-00S 52-00S AND 030-00W 038-00W.
2. CANCEL THIS MSG 21 JUN.

(141600Z JUN 2004)

1017/04. CANCELED.

1018/04(43). NORTH SEA.

- SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY
M/V CGG ALIZE TOWING TEN THREE MILE LONG CABLES IN
AREA BETWEEN 58-12N 58-33N AND 001-25E 002-20E.
WIDE BERTH REQUESTED.

(141817Z JUN 2004)

1019/0424 BRAZIL-NORTH COAST.

- CHART 24320 (4TH ED).
PONTA DO CEU LIGHT 00-45.9N 050-05.7W INOPERATIVE.

(150902Z JUN 2004)

1020/04(55). CANAKKALE STRAIT.

1. UNDERWATER OPERATIONS 0400Z TO 1300Z
DAILY 17 THRU 20 JUN IN AREA BETWEEN
40-07.7N 40-07.2N AND 026-23.5E 026-24.2E.
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 201400Z JUN.

(151206Z JUN 2004)

1021/04(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 1300Z TO 1630Z DAILY
19 AND 20 JUN IN AREA BOUND BY
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,
44-39.0N 032-11.5E, 44-48.4N 032-08.2E,
45-00.0N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 201730Z JUN.

(151230Z JUN 2004)

1022/04(56). EASTERN MEDITERRANEAN SEA.

1. SUBMARINE CABLE OPERATIONS IN PROGRESS UNTIL
FURTHER NOTICE BY CABLESHIP RENE DESCARTES
WITHIN TWO MILES OF 31-36.4N 029-56.0E.
ONE MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 1014/04.

(151600Z JUN 2004)

SECTION III

NM 27/04

- 1023/04(52,53). SICILY-SOUTH COAST.
 1. SURVEY OPERATIONS 17 JUN THRU 08 JUL
 BY M/V URANIA IN AREA BOUND BY
 37-51.76N 012-25.78E, 36-26.24N 011-33.82E,
 35-28.67N 012-02.45E, 35-03.27N 012-57.59E,
 36-23.70N 014-06.52E, 35-47.30N 015-30.82E,
 36-13.12N 015-49.38E, 37-11.12N 015-47.25E,
 37-14.93N 015-16.50E.
 2. CANCEL THIS MSG 09 JUL. (151622Z JUN 2004)
- 1024/04(53). IONIAN SEA. GUNNERY.
 1. GUNNERY EXERCISES SUNRISE TO SUNSET 17 JUN
 IN AREA BETWEEN 37-11N 37-00N AND
 015-25E 015-43E.
 2. CANCEL THIS MSG 18 JUN. (151630Z JUN 2004)
- 1025/04(24). SOUTH ATLANTIC.
 MAN OVERBOARD IN 33-20S 052-20W AT 141200Z JUN.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION. (160206Z JUN 2004)
- 1026/04. CANCELED.
- 1027/04(24). BRAZIL-EAST COAST.
 1. SEISMIC SURVEY IN PROGRESS UNTIL 190259Z JUN BY
 M/V CGG HARMATTAN TOWING SIX 6000 METER LONG CABLES IN
 AREA BETWEEN 20-00S 20-14S AND 039-28W 039-51W.
 FOUR MILE BERTH REQUESTED.
 2. CANCEL THIS MSG 190359Z JUN. (160630Z JUN 2004)
- 1028/04(37). FRANCE-NORTHWEST COAST.
 CHART 37050 (9TH ED).
 NORTHEAST LIGHTBUOY 49-00N 005-24W OFF STATION. (161330Z JUN 2004)
- 1029/04(GEN).
 1. HYDROLANT MESSAGES IN FORCE 160800Z JUN 2004. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2004 SERIES: 801(51,52), 805(24), 811(55), 843(36), 850(24),
 858(56), 867(53), 868(55), 869(55), 908(51), 913(37,51), 918(24),
 927(53), 928(53), 929(53), 939(GEN), 940(43), 945(54), 946(55),
 952(35), 967(24), 968(35), 976(38), 977(35), 979(51), 981(57),
 997(53), 1002(55), 1003(24), 1005(55), 1006(53), 1007(55),
 1010(53), 1012(24), 1015(GEN), 1016(23), 1018(43), 1019(24),
 1020(55), 1021(55), 1022(56), 1023(52,53), 1024(53), 1025(24),
 1027(24), 1028(37), 1029(GEN).
 2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF 11 DEC 2003
 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE
 SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
 3. CANCEL HYDROLANT 611/01, 2700/01, 41/03, 67/03, 544/03, 738/03,
 1117/03, 2374/03, 2384/03, 941/04, 998/04, 1000/04. (162130Z JUN 2004)
- 1030/04(23). SOUTH ATLANTIC.
 1. DERELICT F/V PUENTE AMERICA ADRIFT IN 49-47S 066-04W.
 2. CANCEL THIS MSG 24 JUN. (170215Z JUN 2004)
- 1031/04(23). ARGENTINA-SOUTH COAST.
 CHART 23000 (5TH ED).
 CABO VIRGENES LIGHT 52-20.0S 068-21.2W UNLIT. (170225Z JUN 2004)

SECTION III

NM 27/04

NAVAREA XII

Messages in force 171100Z June 2004:

2003 series	2004 series	184(18)	186(17)
262(GEN)	177(19)	185(GEN)	187(GEN)

The summary of all NAVAREA XII messages in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

NAVAREA XII WARNINGS issued from 101100Z to 171100Z June 2004.

183/04. CANCELED.

184/04(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W.	M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL
B. 33-52N 119-06W.	TO THE SHORELINE.
C. 33-29N 119-07W.	N. 34-24N 120-30W.
D. 33-29N 118-37W.	O. 34-08N 120-26W.
E. 33-20N 118-37W.	P. 34-08N 119-40W.
F. 32-11N 120-16W.	Q. 34-00N 119-40W.
G. 31-54N 121-35W.	R. 34-06N 119-13W.
H. 35-09N 123-39W.	S. 34-06N 119-11W.
I. 35-29N 123-00W.	T. 34-07N 119-10W.
J. 35-04N 122-43W.	U. 34-07N 119-07W.
K. 35-57N 121-32W.	V. 34-04N 119-04W.
L. 34-59N 120-42W.	
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.
3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.
4. CANCEL NAVAREA XII 181/04.

(110010Z JUN 2004)

185/04(GEN). GPS SATELLITE SYSTEM.

1. PRN 29 UNUSABLE 171200Z TO 180001Z JUN.
2. CANCEL THIS MSG 180101Z JUN.

(141200Z JUN 2004)

186/04(17). NORTH PACIFIC.

- TWO SUBMERGED BUOYS ESTABLISHED IN:
- A. 49-57.9N 145-04.4W DEPTH 200 METERS
 - B. 50-01.7N 144-56.7W DEPTH TEN METERS.

(160042Z JUN 2004)

187/04(GEN).

1. NAVAREA XII MESSAGES IN FORCE 160800Z JUN 2004. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2004 SERIES: 170(83), 177(19), 184(18), 185(GEN), 186(17).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 11 DEC 2003 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
3. CANCEL NAVAREA XII 183/04(GEN).

(162145Z JUN 2004)

HYDROPACS

Messages in force 171100Z June 2004:

2001 series	23(62)	830(63)	899(62)	943(62)	982(22)
1976(62)	278(63)	837(81)	903(81,97)	945(63)	983(GEN)
2002 series	329(71)	840(63)	904(63)	948(96)	984(63)
205(GEN)	402(62)	842(61)	909(61)	951(74)	985(63)
206(GEN)	455(73)	843(61)	910(22)	955(75)	987(81)
403(72,73)	460(94)	848(81)	911(63)	958(94,95)	988(63)
2330(62)	572(83)	851(63)	912(94,95)	959(22)	989(83)
2003 series	593(61)	852(81)	913(95)	960(22)	990(62)
207(62)	694(62)	853(81)	914(95)	963(63)	991(61)
506(62)	701(94,97)	854(74)	915(95)	965(63)	994(62,63)
993(62)	727(22)	879(63)	919(63)	967(74)	996(94,95)
998(71)	754(62)	880(22)	922(94,95)	971(63)	997(81)
1041(71)	763(62)	882(71,93)	926(75)	972(97)	998(96)
1330(62)	776(29)	883(93)	929(81,91,97)	973(63)	999(63)
1395(62)	778(75)	884(81)	931(62)	976(62,63)	1000(63)
1699(63)	779(97)	889(61,63)	932(22)	977(74)	1001(GEN)
1911(62)	795(62)	890(71)	939(63)	978(63)	1002(97)
1982(GEN)	800(61)	891(71)	940(62)	979(63)	1003(63)
2265(62)	801(61)	896(73)	941(81)	980(63)	
2004 series	817(74)	898(94,95)	942(81)	981(74)	

The summary of all HYDROPACS in force as of 11 December 2003 is given in Section III of NM 52/03. Warnings issued during the subsequent quarters are issued in NM 13/04 and 26/04.

HYDROPAC WARNINGS issued from 101100Z to 171100Z June 2004.

968/04 thru 970/04. CANCELED.

971/04(63). INDIA-WEST COAST.

MAN OVERBOARD FROM M/V PRATIBHA CAUVERY VICINITY
13-42.6N 074-17.9E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(100534Z JUN 2004)

972/04(97). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 243 MHZ IN 34-00.9N 169-15.5E
AT 100845Z JUN. VESSELS IN VICINITY REQUESTED TO KEEP A
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU,
TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(100928Z JUN 2004)

973/04(63). INDIA-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 30 JUN BY
M/V AKADEMIK NEMCHINOV TOWING THREE 3000 METER
LONG CABLES IN AREA BOUND BY 20-38.1N 088-12.7E,
20-51.5N 088-10.9E, 20-52.0N 088-13.6E,
20-56.9N 088-13.0E, 20-58.4N 088-24.6E,
20-40.0N 088-27.1E. FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JUL.

(101849Z JUN 2004)

974/04 and 975/04. CANCELED.

976/04(62,63). ARABIAN SEA.

MAN OVERBOARD FROM M/V HANJIN BRUSSELS VICINITY
10-55.0N 061-41.8E. VESSELS IN VICINITY REQUESTED
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.
REPORTS TO ANY COASTAL RADIO STATION.

(110652Z JUN 2004)

977/04(74). AUSTRALIA-SOUTHEAST COAST.

UNMANNED 50 METER BARGE ANCHORED IN 33-03.14S 151-41.20E.

(110731Z JUN 2004)

- 978/04(63). INDIA-WEST COAST.
 1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY
 15 THRU 21 JUN IN AREA BETWEEN
 14-11.0N 13-51.0N AND 074-27.8E 074-04.5E.
 2. CANCEL THIS MSG 211230Z JUN. (111145Z JUN 2004)
- 979/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY
 15 AND 18 JUN IN AREA BOUND BY
 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,
 09-40.0N 076-14.5E, 09-42.5N 076-09.5E.
 2. CANCEL THIS MSG 181630Z JUN. (111650Z JUN 2004)
- 980/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0230Z TO 1230Z
 DAILY 14 THRU 21 JUN IN AREA BETWEEN
 15-13N 15-11N AND 073-57E 073-52E.
 2. CANCEL THIS MSG 211330Z JUN. (111651Z JUN 2004)
- 981/04(74). AUSTRALIA-NORTH COAST.
 SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE
 BY M/V STM MARKAB IN 13-53S 128-29E.
 2.5 MILE BERTH REQUESTED. (120830Z JUN 2004)
- 982/04(22). SOUTH PACIFIC.
 VESSEL IEMANYA, SEVEN PERSONS ON BOARD, DISABLED
 AND ADRIFT DUE TO ENGINE DAMAGE IN
 23-03S 075-59W AT 121200Z JUN. VESSELS
 IN VICINITY REQUESTED TO KEEP A SHARP
 LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO
 VALPARAISO PLAYA ANCHA RADIO,
 TELEX: 34330630, PHONE: 56 32 281022,
 FAX: 56 32 281099. (130924Z JUN 2004)
- 983/04(GEN). GPS SATELLITE SYSTEM.
 1. PRN 29 UNUSABLE 171200Z TO 180001Z JUN.
 2. CANCEL THIS MSG 180101Z JUN. (141140Z JUN 2004)
- 984/04(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 1330Z TO 1600Z DAILY
 16 AND 17 JUN WITHIN 75 MILES OF
 08-31.9N 076-52.1E.
 2. CANCEL THIS MSG 171700Z JUN. (141236Z JUN 2004)
- 985/04(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 170230Z TO 170530Z AND
 171230Z TO 171430Z JUN IN AREA BOUND BY
 17-42.2N 083-18.6E, 17-42.1N 083-28.9E,
 17-36.7N 083-28.5E, 17-32.7N 083-24.3E.
 2. CANCEL THIS MSG 171530Z JUN. (141415Z JUN 2004)
- 986/04. CANCELED.
- 987/04(81). CAROLINE ISLANDS.
 CHART 81002 (6TH ED).
 OCEANOGRAPHIC BUOY ESTABLISHED IN 07-39N 136-42E. (150127Z JUN 2004)
- 988/04(63). INDIA-WEST COAST.
 CHART 63120 (2ND ED).
 RACON (K) ESTABLISHED AT KOTTE KUNNU LIGHT
 12-00.4N 075-12.2E. (151301Z JUN 2004)
- 989/04(83). SOUTH PACIFIC.
 DISTRESS SIGNAL RECEIVED ON 121.5 MHZ IN 15-47S 174-35W.
 VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,
 ASSIST IF POSSIBLE. REPORTS TO MARITIME OPERATIONS
 NEW ZEALAND, INMARSAT-C: 451 200 067,
 PHONE: 64 4 914 8333, FAX: 64 4 914 8334. (151332Z JUN 2004)

- 990/04(62). RED SEA. HAZARDOUS OPERATIONS.
 1. HAZARDOUS OPERATIONS 0300Z TO 1500Z DAILY
 19 THRU 23 JUN IN AREA BOUND BY
 25-39.0N 036-01.0E, 25-50.0N 036-31.0E,
 24-18.5N 037-31.0E, 24-10.0N 036-50.0E.
 2. CANCEL THIS MSG 231600Z JUN. (151350Z JUN 2004)
- 991/04(61). INDIAN OCEAN.
 1. LARGE ICEBERG SIGHTED VICINITY
 48-25.2S 068-12.0E ON 140400Z JUN.
 2. CANCEL THIS MSG 22 JUN. (151740Z JUN 2004)
- 992/04 and 993/04. CANCELED.
- 994/04(62,63). ARABIAN SEA.
 1. TWO CONTAINERS ADRIFT VICINITY 12-47N 057-38E
 AT 160525Z JUN.
 2. CANCEL THIS MSG 24 JUN. (160650Z JUN 2004)
- 995/04. CANCELED.
- 996/04(94,95). YELLOW SEA.
 CHART 94028 (7TH ED).
 DANGEROUS WRECK IN 33-43.7N 124-20.0E. (160717Z JUN 2004)
- 997/04(81). NORTH PACIFIC.
 1. DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 15-22.7N 130-27.4E
 AT 160014Z JUN. VESSELS IN VICINITY REQUESTED TO KEEP A
 SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM.
 2. CANCEL HYDROPAC 992/04(74), ASSISTANCE RECEIVED. (161016Z JUN 2004)
- 998/04(96). SEA OF JAPAN. MISSILES.
 1. HAZARDOUS OPERATIONS 2300Z TO 0200Z
 COMMENCING DAILY 20 AND 21 JUN,
 0400Z TO 0700Z DAILY 21
 AND 22 JUN IN AREA BOUND BY
 42-31.0N 134-09.0E, 42-07.5N 134-26.0E,
 41-52.7N 133-58.5E, 42-12.5N 133-38.2E.
 2. CANCEL THIS MSG 220800Z JUN. (161255Z JUN 2004)
- 999/04(63). INDIA-WEST COAST.
 CHART 63100 (2ND ED).
 1. ODAS BUOY SW2 ADRIFT VICINITY 17-01.0N 072-29.2E.
 2. CANCEL THIS MSG 23 JUN. (161554Z JUN 2004)
- 1000/04(63). INDIA-WEST COAST.
 CHART 63101 (15TH ED).
 DANGEROUS WRECK VICINITY 18-52.0N 072-37.0E. (161619Z JUN 2004)
- 1001/04(GEN).
 1. HYDROPAC MESSAGES IN FORCE 160800Z JUN 2004. ONLY THOSE
 MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.
 2004 SERIES: 817(74), 830(63), 837(81), 840(63), 842(61),
 843(61), 848(81), 851(63), 852(81), 853(81), 854(74), 879(63),
 880(22), 882(71,93), 883(93), 884(81), 889(61,63), 890(71),
 891(71), 896(73), 898(94,95), 899(62), 903(81,97), 904(63),
 909(61), 910(22), 911(63), 912(94,95), 913(95), 914(95),
 915(95), 919(63), 922(94,95), 926(75), 929(81,91,97),
 931(62), 932(22), 939(63), 940(62), 941(81), 942(81), 943(62),
 945(63), 948(96), 951(74), 955(75), 958(94,95), 959(22), 960(22),
 963(63), 965(63), 967(74), 971(63), 972(97), 973(63),
 976(62,63), 977(74), 978(63), 979(63), 980(63), 981(74), 982(22),
 983(GEN), 984(63), 985(63), 987(81), 988(63), 989(83), 990(62),
 991(61), 994(62,63), 996(94,95), 997(81), 998(96), 999(63),
 1000(63), 1001(GEN).
 2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 11 DEC 2003
 IS GIVEN IN SEC III OF NM 52/03. WARNINGS ISSUED DURING THE
 SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/04.
 3. CANCEL HYDROPAC 887/04, 906/04, 970/04. (162310Z JUN 2004)

1002/04(97). NORTH PACIFIC. ROCKETS.

1. HAZARDOUS OPERATIONS 172200Z TO 172359Z JUN
WITHIN 216 MILES OF 31-55N 153-45E.
2. CANCEL THIS MSG 180100Z JUN.

(170035Z JUN 2004)

1003/04(63). INDIA-WEST COAST.

1. DERELICT BARGE BRITOL-8 ADRIFT IN 12-38.0N 074-19.5E.
2. CANCEL THIS MSG 24 JUN.

(170100Z JUN 2004)

MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html), by referring to Section I (paragraph 50) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 17 June 2004: 00-7, 01-7, 02-2, 02-5, 02-7 and 03-4.

SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NGA Maritime Safety Information website (http://164.214.12.145/warn/warn_j_query.html) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/04 for those in-force as of 18 December 2003.

SPECIAL WARNINGS in force 17 June 2004: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119, 120 and 121.

MARINE INFORMATION**NEW EDITION OF SAILING DIRECTIONS**

Pub. 125, Sailing Directions (Enroute) West Coast of South America, Eighth Edition, 2004, is ready for issue. This publication has been corrected to 24 April 2004, including Notice to Mariners No. 17 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)". PDU's are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

NEW EDITION OF SAILING DIRECTIONS

Pub. 193, Sailing Directions (Enroute) Skagerrak and Kattegat, Ninth Edition, 2004, is ready for issue. This publication has been corrected to 27 March 2004, including Notice to Mariners No. 13 of 2004.

This edition is produced by NGA in digital format only, available on CD-ROM and/or electronic access through the World Wide Web.

Digital Nautical publications will be updated using a binary executable called "Publication Data Update (PDU)". PDU's are cumulative or sequential, ensuring customers will not miss any changes, and may be accessed on the Maritime Safety Information Division website (<http://pollux.nss.nga.mil>).

NOAA CHART NEW EDITIONS AND THEIR AVAILABILITY

NOAA recognizes two paper nautical chart products:

- the Charts-on-Demand chart distributed by OceanGrafix (www.OceanGrafix.com), and
- the traditional NOAA/NOS paper chart distributed by the Federal Aviation Administration and the National Geospatial-Intelligence Agency (NGA).

The Charts-on-Demand chart is available the day after NOAA clears a New Edition for release. The traditional chart is available two to eight weeks later. Each is official, should be put into service immediately, and meets Federal chart carriage requirements immediately upon its release. For questions, contact NOAA at help@nauticalcharts.gov or call 301-713-1773 x105. Dates of Latest Edition for both charts are listed at <http://nauticalcharts.noaa.gov>.

This week's new editions released by NOAA are listed below.

11368	23 rd Ed. Jun 2004 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	LA-NEW ORLEANS HARBOR-CHALMETTE SLIP TO SOUTHPORT		1:15,000
	(New edition due to various general changes.)		
13218	39 th Ed. Jun 2004 NEW EDITION	NAD 83	(NOS Silver Spring, MD)
	MA-RI-MARTHAS VINEYARD TO BLOCK ISLAND		1:80,000/LORAN-C
	(New edition due to hydrographic changes.)		
17434	12 th Ed. Jun 2004 NEW EDITION	NAD 83(NOS Silver Spring, MD)
	AK-SOUTHEAST COAST-REVILLAGIGEDO CHANNEL		1:80,000
	INSETS: Ryus Bay		1:20,000
	Foggy Bay		1:40,000
	(New edition due to change in format.)		

MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

Observer: name(s) of person(s) making observation and rank, rate or title.

Ship/Organization: name of vessel or organization.

Address: complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

Date of Observation: day, month and year at which the observation was made.

Time of Observation: local time at which the observation was made.

Latitude/Longitude: exact position of the observation expressed as accurately as possible.

Datum: horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

Navigation System: method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

Verified by Navigator: indicate whether observation was verified by navigator.

Product(s) Affected: product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

Edition: edition number and/or year of affected product.

Latest correction applied: the latest Notice to Mariners to which your copy of affected product has been corrected.

Sounding sensor or method used: equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

Soundings corrected for draft: indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

Details of Information Reported: use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NGA to update our records and obtain additional or later information.

User Feedback: use this space to provide feedback and suggestions for improving NGA products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

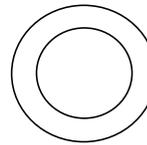
Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NGA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of our Bathymetric Database. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).



**MARITIME SAFETY INFORMATION DIVISION
ST D44
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
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BETHESDA MD 20816-5003**



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ARCTIC MARITIME SAFETY INFORMATION REPORT SHEET

Observer _____

Ship/Organization _____

Phone _____ Email Address _____

Describe Hazard (e.g. dredge, buoy, current meter, operations): _____

Depth water column is occupied (e.g. "bottom to surface", "surface to 500m"): _____

Date of Insertion _____ Date of Removal _____

If observed, Date _____ Time (Local) _____

Latitude _____ Longitude _____ Datum _____

Navigation System _____ Verified by Navigator: Yes _____ No _____

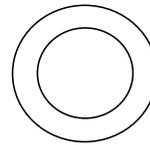
Sounding sensor or method used _____

Sounding(s) corrected for draft: Yes _____ No _____

Details of Information Reported (continue on additional sheets as necessary): _____



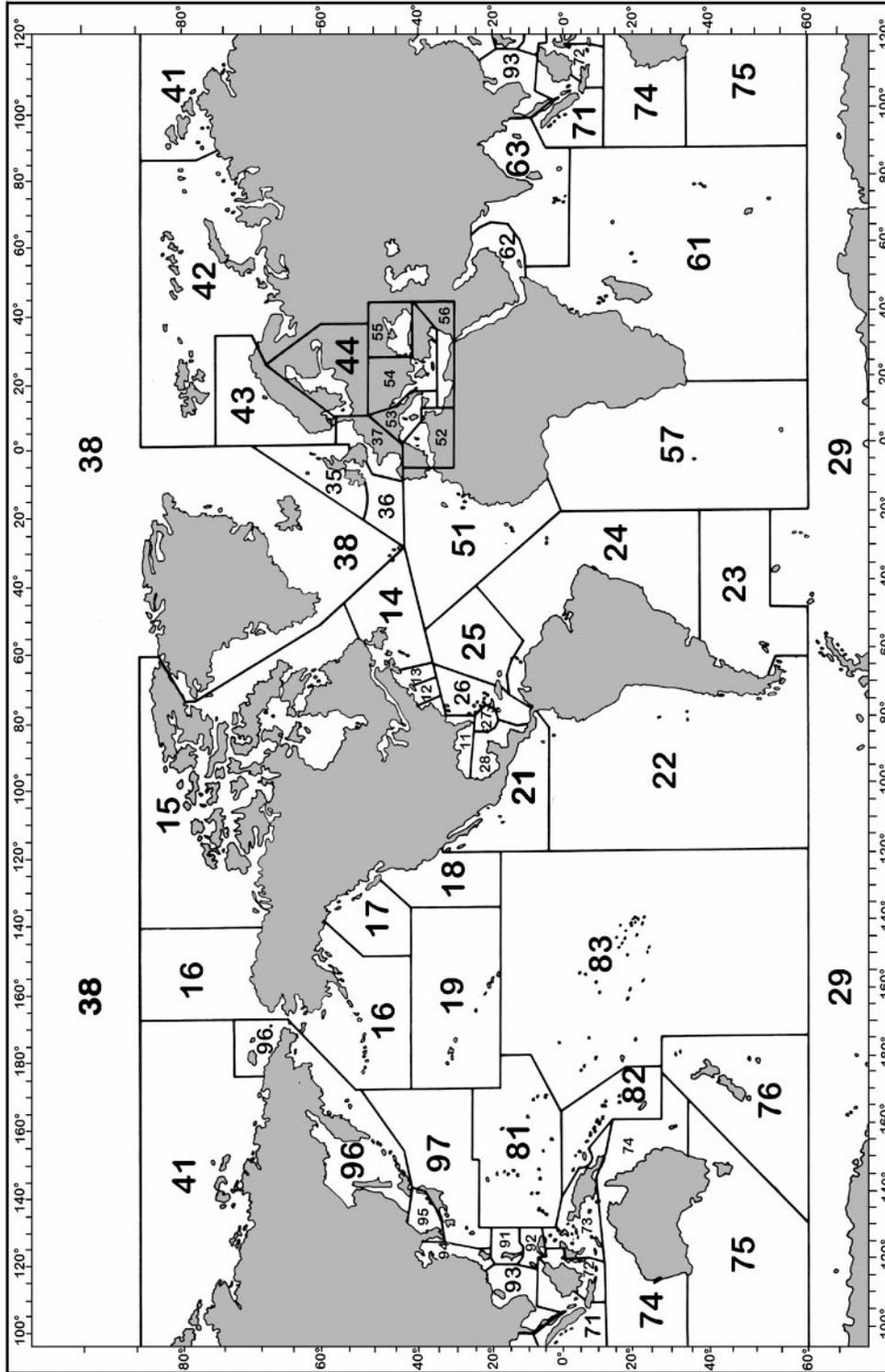
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GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NGA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

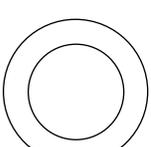
DEFENSE SUPPLY CENTER RICHMOND

ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$300



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TIME—DATED



**NOTICE TO
MARINERS**

PLEASE EXPEDITE DELIVERY